# MATERIAL SAFETY DATA SHEET

<u>Manufactured by:</u> Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Distributed by: GHC Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: (306) 281-4388

Revis	ed: 02/09					
I.	PRODUCT INFORM	ATION				Page 1
PROI	DUCT NAME: Surface	Hair Awaken T	herapeutic	Treatment	t	
CHE	MICAL NAME: N/A					
CAS	NUMBER: N/A					
CHE	MICAL FAMILY: N/A					
CHE	MICAL FORMULA: N/	A				
II.	SUMMARY OF HAZ	ZARDS				
No kr	nown hazards.					
III.	HAZARDOUS COM	PONENTS				
	<u>NAME</u>	<u>CAS NO. %</u>	Ē	EXPOS <u>PEL</u>	URE LIMITS <u>TLV</u>	<u>OTHER</u>
IV.	CHEMICAL AND PH	HYSICAL PRO	PERTIES			
BOIL	ING POINT: 212° F		FLASH	POINT: N	/A	
MEL	MELTING POINT: N/A VAPOR DENSITY: N/A					
SOL.	SOL. IN WATER: Complete SPECIFIC GRAVITY: 0.990 - 1.010 @ 22° C					
pH: 6	DH: 6.75-7.25 @ 22° C EVAPORATION RATE: N/A					
APPE	EARANCE/ODOR: Thir	n liquid, milky o	range in c	olor, pleas	ant fragrance	

# CHEMICAL NAMETOXICITY DATALD50LC50

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

RESPIRATORY PROTECTION: None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

STABILITY: Normally stable.

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUSPOLYMERIZATION: N/A

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate waste container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at address or phone number listed on page one.

# DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

Surface Hair Awaken Therapeutic Treatment

# SAFETY DATA SHEET (SDS)

NAME OF PRODUCT: GHC AWAKEN MASQUE

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GHC AWAKEN MASQUE Bulk number: 302635 Item Number 640264

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 I St.

EMERGENCY PHONE: INFOTRAC PHONE: MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Conditioner for softening Hair. PREPARED BY: Steve Hudson DATE PREPARED: 27-MAY-14

SECTION 1 NOTES:

#### **SECTION 2: HAZARDS IDENTIFICATION**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.\*

**EMERGENCY OVERVIEW:** 

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

EYES: Redness, pain. Blurred vision. Burning sensation.

SKIN: Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u> Non-hazardous ingredients need not be listed. This product is a proprietary blend of quaternary ammomium surfactants, non-ionic emulsifiers, oils and Fatty Alcohols and does not contain any hazardous substances as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

#### :

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

NAME OF PRODUCT: GHC AWAKEN MASQUE

SECTION 4 NOTES: N/A

#### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 6 NOTES: N/A

#### SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Stable under normal conditions.

SECTION 7 NOTES: N/A

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

# SAFETY DATA SHEET (SDS)

NAME OF PRODUCT: GHC AWAKEN MASQUE

#### OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE: Creamy White** 

**ODOR: Pleasant** 

PHYSICAL STATE: liquid to paste

pH AS SUPPLIED: pH (Other): 4.00-5.25 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 8.10-8.9

#### SOLUBILITY IN WATER: Complete

**MOLECULAR WEIGHT: VISCOSITY:** 65000-100000 @22C

SECTION 9 NOTES: N/A

#### SECTION 10: STABILITY AND REACTIVITY

<u>STABLE</u>

UNSTABLE

STABILITY: Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available..

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

NAME OF PRODUCT: GHC AWAKEN MASQUE

SECTION 13 NOTES: N/A

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Conditioner

:

WATER TRANSPORTATION PROPER SHIPPING NAME: Conditioner

AIR TRANSPORTATION PROPER SHIPPING NAME: Conditioner

SECTION 14 NOTES: N/A

#### SECTION 15: REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS** 

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

SECTION 16: OTHER INFORMATION

#### OTHER INFORMATION:

#### PREPARATION INFORMATION:

#### DISCLAIMER:

The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use

# SAFETY DATA SHEET (SDS) NAME OF PRODUCT: GHC AWAKEN MASQUE

or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

## Fast Finish Hair Spray

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Section I: <u>General Information</u>						
Chicago Aerosol, LLC 1300 North Street Coal City, Illinois 60416	Emergency Phone: Information Phone: Date Prepared: File:	(800) 424-9300				
Product is predominantly an alcoholic solution of a hair aliphatic and halogenated hydrocarbon propellants.	fixative resin expe	lled by				
NMFC Classification: *Toilet Preparations, N.O.I., In RVNX, Class 70	Boxes, NMFC Item 60	000,				
NFPA Class II Aerosols						
Section II: <u>Hazardous Ingredients/Identity Information</u>						
Hazardous Components (Specific Chemical Identity/Comm OSHA PEL SD Alcohol (Comprised of) (Ethyl Alcohol CAS# 64-17-5 (*T-butyl Alcohol CAS# 75-65-0 2-Amino-2-Methyl-1-propanol CAS# 124-68-5	on Name) ACGIH TLV 1000 ppm 100 ppm N/K	% < 55.0 99.7) 0.1) < 1.0				
Ethane, 1,1-Difluoro CAS# 75-37-6	N/E	< 45.0				
* These materials subject to requirements of Section 311, 312 and/or 313 of SARA TITLE III.						
Hazard Ratings: Health - 1 Fire - 3 Reactivity - 0 Other - 0						
(N/K = Not Known N/E = Not Established N/A = Not Section III: <u>Physical/Chemical Characteristics</u>	Applicable)					
Boiling Point (of conc.): 175F Specific Gravity (of conc.): 0.81 Vapor Pressure of Container (psig @ 70F): 45-55 (Internal pressure will increase with temperature.) Vapor Density (AIR=1): N/E Solubility in Water: Complete Appearance and Odor: Concentrate (conc.) is clear to pale yellow non-viscous fragranced liquid.						
	able Limits: LEL 3.					
Extinguishing Media: CO2 or dry chemical for small fires. Foam for large fires. Special Fire Fighting Procedures: Addition of water fog will aid in reducing burning rate. Use of NIOSH self-contained breathing apparatus in confined areas.						

Unusual Fire and Explosion Hazards: Flammable vapors may travel along floor to be ignited by distant ignition sources. Containers exposed to fire may develop sufficient internal pressure to rupture with explosive force.

(\* For pure ethanol)

# Section V: <u>Reactivity Data</u> Stability: Stable Conditions to Avoid: Keep away from heat or ignition sources. Incompatibility: Keep concentrate away from strong oxidizing agents. Hazardous Decomposition or Byproducts: Combustion of liquid may form oxides of carbon and nitrogen. Hazardous Polymerization: Will not occur. Conditions to avoid: None known when used as directed.

#### Section VI: <u>Health Hazard Data</u>

Route(s) of Entry: Inhalation, eye, skin and ingestion. Health Hazards (Acute and Chronic): Inhalation - irritation of respiratory tract. Eye - irritation; possible damage from large doses. Ingestion irritation of gastro-intestinal tract. Skin - possible irritation from large doses. Carcinogenicity: N/A Signs and Symptoms of Overexposure: Inhalation - irritation of respiratory tract, headache, dizziness, fatigue. Ingestion - irritation of gastrointestinal tract, nausea, diarrhea, vomiting. Eye - irritation or burning sensation. Skin - irritation or reddening. Medical Conditions Generally Aggravated by Exposure: None known when used as directed. Emergency and First Aid Procedures: Inhalation - remove victim to fresh air, obtain medical attention if necessary. Ingestion - call a physician or poison control center, induce vomiting only on the advice of a physician. Eyes - flush with water for fifteen (15) minutes, obtain medical attention if irritation persists.

(NOTE: This product is considered safe when used as directed.)

Section VII: Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Eliminate all ignition sources (vapor flammable). Ventilate area. At area where vapors may collect, wear SCBA breathing apparatus. Small spills should be flushed with large amounts of water. Large spills should be absorbed on non-
flammable absorbent material for disposal. A release of 500 pounds or
more may trigger the reporting requirements of CERCLA Section 103.
Waste Disposal Method(s): Incineration of liquid, incineration or landfill of
contaminated absorbent in accordance with local, state or federal
regulations. Contact local authorities for proper disposal method.
Precautions to be Taken in Handling and Storing: Product should be kept in cool,
dry environment. Keep product away from ignition sources.
Other Precautions: KEEP OUT OF REACH OF CHILDREN.
DO NOT PUNCTURE OR ATTEMPT TO OPEN PRESSURIZED
CONTAINER UNDER ANY CIRCUMSTANCES.
DISPOSE OF CONTAINER PROPERLY.
USE ONLY AS DIRECTED.

## Section VIII: <u>Control Measures</u>

Respiratory Protection (Specify Type): None necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors. Ventilation: For salon or home use, always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust acceptable. Protective Gloves: None necessary when product is used as directed. Eye Protection: None necessary when product is used as directed. Always avoid contact with eyes. Work/Hygienic Practices: Normal safe working practices. The information contained herein is based on the data available to us and is believed to be correct to the best of our ability. However, Chicago Aerosol, LLC makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from the intentional or nonintentional misuse of this product.

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# <u>Material Safety Data Sheet</u> Marianna Industries Inc 11222 I St Omaha NE 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY INFOTRAC (800) 457-4280

Created: 1-2012

I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: Awaken Mist Leave-In Conditioner

CHEMICAL NAME: N/A

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

## CHEMICAL FORMULA: GHC061314APC\_JLM

## II. HAZARDS IDENTIFICATION

## Primary route of exposure :. Skin and eyes contact.

Symptoms relating to use

-- Skin contact : Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

- Eye contact : Redness, pain. Blurred vision. Burning sensation.

- Ingestion : Abdominal pain, nausea.

# III. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparati Components :		Preparation.			
Substance name Blend of Fatty alcohols	Contents <8	CAS No	EC No	Annex No	Classification

## IV. FIRST AID MEASURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are

held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

#### INHALATION: N/A

**INGESTION**: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

**OTHER HEALTH EFFECTS: N/A** 

#### FIRE FIGHTING MEASURES V.

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS UPPER: LOWER:

EXTINGUISHING MEDIA: Will not support combustion

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

#### ACCIDENTAL RELEASE MEASURES VI.

Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

#### VII. .HANDLING AND STORAGE

Stable under normal conditions.

#### VIII **EXPOSURE CONTROLS / PERSONAL PROTECTION**

EYE PROTECTION: None required under normal use

**PROTECTIVE GLOVES:** None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

**OTHER PROTECTION:** None required under normal use

**VENTILATION**: None required under normal use

#### PHYSICAL AND CHEMICAL PROPERTIES IX

BOILING POINT: 220° F FLASH POINT: N/A

MELTING POINT: N/A VAPOR DENSITY: N/A

SPECIFIC GRAVITY: 0.975-0.990@ 22° C SOL. IN WATER: semi soluble

pH: 3.50-7.00

EVAPORATION RATE: N/A

APPEARANCE/ODOR: Thick liquid to paste, pleasant fragrance.

**STABILITY**: Normally stable

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

XI TOXICOLOGICAL INFORMATION

None available

XII ECOLOGICAL INFORMATION

Ecological effects information : No data available ..

## XIII DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

## XIV\_TRANSPORT INFORMATION\_

General Shipping. No known Hazards

## XIV REGULATORY INFORMATION

General No known Hazards

## XVI OTHER INFORMATION.

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#### Volumizing Extra Body Mousse 6% VOC

Section I: <u>General Information</u>

Chicago Aerosol, LLC 1300 North Street Coal City, Illinois 60416

Emergency Phone: CHEMTREC (800) 424-9300 Information Phone: (815) 634-5100 Date Prepared: 03/28/08 File:

Product is predominantly an aqueous solution containing hair fixative components expelled by hydrocarbon propellant.

NMFC: Toilet Preparations, N.O.I., In Boxes, N.M.F.C. Item 600000, RVNX, Class 70 Level 1 Aerosol

Section II: <u>Hazardous Ingredients/Identity Information</u>

Hazardous Components (Specific Chemical Identity/Common Name)<br/>OSHA PELACGIH TLV%Isobutane CAS #75-28-5N/E< 10.0</td>Ethane,1,1-Difluoro CAS#75-37-6< 5.0</td>

Hazard Ratings: Health - 1 Fire - 1 Reactivity - 0 Other - 0

(N/K = Not Known N/E = Not Established N/A = Not Applicable)

Section III: Physical/Chemical Characteristics

Boiling Point (of conc.): N/ESpecific Gravity (of conc.): 1.01Melting Point: N/AVapor Pressure (of container @ 70F, psig): 45-55(Internal pressure will increase<br/>with temperature)Vapor Density (AIR=1): N/EEvaporation Rate (H20=1): > 1Solubility in Water:Complete<br/>Appearance and Odor:Concentrate (conc.) is white, fragranced liquid. Product<br/>is expelled as white foam.

Section IV: Fire and Explosion Hazard Data

Flash Point: N/E Flammable Limits: LEL 2.1\* UEL 13.0\* Extinguishing Media: CO2 or dry chemical for small fires. Foam for large fires. Special Fire Fighting Procedures: Addition of water fog will aid in reducing burning rate. Use of NIOSH self-contained breathing apparatus in confined areas. Cool fire-exposed containers with direct water spray.

(\* For pure propellant)

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#### Section IV: Fire and Explosion Hazard Data (Continued)

Unusual Fire and Explosion Hazards: Flammable vapors may travel along floor to be ignited by distant ignition sources. Containers subject to fire may develop sufficient internal pressure to rupture with explosive force.

#### Section V: <u>Reactivity Data</u>

Stability: Stable Conditions to Avoid: Keep away from heat or ignition sources. Incompatibility: Keep concentrate away from strong oxidizing agents. Hazardous Decomposition or Byproducts: Combustion of liquid may form oxides of carbon and nitrogen. Hazardous Polymerization: Will not occur. Conditions to avoid: None known when used as directed.

## Section VI: <u>Health Hazard Data</u>

Route(s) of Entry: Inhalation. Eye, skin and ingestion.
Health Hazards (Acute and Chronic): Inhalation – possible irritation of respiratory tract. Eye – possible irritation. Ingestion – irritation of gastrointestinal tract. Skin – possible irritation from large doses.
Carcinogenicity: N/A
Signs and Symptoms of Overexposure: Inhalation – irritation of respiratory tract, headache, dizziness, fatigue. Ingestion – irritation of gastrointestinal tract, nausea, diarrhea, vomiting. Eye – irritation or burning sensation. Skin – irritation or reddening.
Medical Conditions Generally Aggravated by Exposure: None known when used as directed.
Emergency and First Aid Procedures: Inhalation – remove victim to fresh air, obtain medical attention if necessary. Ingestion – call a physician or poison control center, induce vomiting only on the advice of a physician. Eyes – flush with water for fifteen (15) minutes, obtain medical attention if irritation persists.

(NOTE: This product is considered safe when used as directed.)

#### Section VII: Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Eliminate all ignition sources (vapor flammable). Ventilate area. Small spills should be flushed with large amounts of water. Large spills should be absorbed on non-flammable absorbent material for disposal.
Waste Disposal Method(s): Incineration of liquid, incineration or landfill of
contaminated absorbent in accordance with local, state or federal regulations. Contact local authorities for proper disposal method.
Precautions to be Taken in Handling and Storing: Product should be kept in cool,
dry environment. Keep product away from ignition sources.
Other Precautions: KEEP OUT OF REACH OF CHILDREN.
DISPOSE OF CONTAINER PROPERLY.
USE ONLY AS DIRECTED ON LABEL.
DO NOT ATTEMPT TO OPEN PRESSURIZED CONTAINER
UNDER ANY CIRCUMSTANCES.

## Section VIII: Control Measures

Respiratory Protection (Specify Type): None necessary when product is used as directed. Ventilation: For salon use, always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust acceptable. Protective Gloves: None necessary when product is used as directed. Eye Protection: None necessary when product is used as directed. Always avoid contact with eyes. Work/Hygienic Practices: Normal safe working practices. The information contained herein is based on the data available to us and is believed to be correct to the best of our ability. However, Chicago Aerosol, LLC makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from the intentional or nonintentional misuse of this product.

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# SAFETY DATA SHEET (SDS)

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Awaken Pre-Shampoo Elixir Bulk Number: GHC052417APSE(R01)\_JLM

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Cleansing and Soothing Product PREPARED BY: Jami Mitchell DATE PREPARED: 052417

**SECTION 1 NOTES:** 

#### **SECTION 2: HAZARDS IDENTIFICATION**

#### **EMERGENCY OVERVIEW:**

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Redness, pain. Blurred vision. Burning sensation.

**SKIN:** Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT:** A proprietary blend of Fatty Quaternary compounds and Fatty Alcohol.

# :

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

NAME OF PRODUCT: Awaken Pre-Shampoo Elixir

## SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### ACCIDENTAL RELEASE MEASURES:

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 6 NOTES: N/A

#### SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

#### SECTION 7 NOTES: N/A

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

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# SAFETY DATA SHEET (SDS)

NAME OF PRODUCT: Awaken Pre-Shampoo Elixir

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE: Cloudy Medium** 

**ODOR: Pleasant** 

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 4..00-8.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 8.25-8.7

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: N/A @22C

SECTION 9 NOTES: N/A

ECTION 10: STABILITY AND REACTIVITY
-------------------------------------

STABLE

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available ...

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

NAME OF PRODUCT: Awaken Pre-Shampoo Elixir

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Conditioner

:

WATER TRANSPORTATION PROPER SHIPPING NAME: Conditioner

AIR TRANSPORTATION PROPER SHIPPING NAME: Conditioner

SECTION 14 NOTES: N/A

#### SECTION 15: REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS** 

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

#### SECTION 16: OTHER INFORMATION

#### OTHER INFORMATION:

#### **PREPARATION INFORMATION:**

#### DISCLAIMER:

The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

# MATERIAL SAFETY DATA SHEET

<u>Manufactured by:</u> Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Distributed by: GHC Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: (306) 281-4388

Revised: 2/09				
I. PRODUCT INFORMATION	Page 1			
PRODUCT NAME: Surface Hair Therap	peutic Shampoo			
CHEMICAL NAME: N/A				
CAS NUMBER: N/A				
CHEMICAL FAMILY: N/A				
CHEMICAL FORMULA: N/A				
II. SUMMARY OF HAZARDS				
No known hazards.				
III. HAZARDOUS COMPONENTS				
NAME CAS NO. %	EXPOSURE LIMITS <u>PEL TLV OTHER</u>			
IV. CHEMICAL AND PHYSICAL I	PROPERTIES			
BOILING POINT: 220° F	FLASH POINT: N/A			
MELTING POINT: N/A	VAPOR DENSITY: N/A			
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 1.008 - 1.032 @ 22° C			
pH: N/A	EVAPORATION RATE: N/A			

APPEARANCE/ODOR: Pearly liquid, orange in color, pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA LD50 LC50

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

CHEMICAL NAME

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

Surface Hair Therapeutic Shampoo

STABILITY: Normally stable

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

# IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Avoid run off into storm sewers and ditches that lead to natural waterways. Soak up with absorbent, shovel into waste container, flush area with water.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

# THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the product manager at the address or phone number listed on page one.

# DISCLAIMER

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Surface Hair Therapeutic Shampoo

# MATERIAL SAFETY DATA SHEET

<u>Manufactured by:</u> Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Distributed by: GHC Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: Infotrac (306) 281-4388

Revised: 02/09				
I. PRODUCT INFORM	ATION	Page 1		
PRODUCT NAME: Awal	cen Therapeutic	Freatment		
CHEMICAL NAME: N/A				
CAS NUMBER: N/A				
CHEMICAL FAMILY: N/A				
CHEMICAL FORMULA: N	[/A			
II. SUMMARY OF HA	ZARDS			
No known hazards.				
III. HAZARDOUS COM	1PONENTS			
NAME	<u>CAS NO. %</u>	EXPOSURE LIMITS <u>PEL TLV OTHER</u>		
IV. CHEMICAL AND P	HYSICAL PRO	PERTIES		
BOILING POINT: 212° F FLASH POINT: N/A				
MELTING POINT: N/A VAPOR DENSITY: N/A				
SOL. IN WATER: Complete SPECIFIC GRAVITY: 0.990 - 1.010 @ 22° C				
pH: 6.75-7.25 @ 22° C EVAPORATION RATE: N/A				

APPEARANCE/ODOR: Thin liquid, milky orange in color, pleasant fragrance

# TOXICITY DATA

# CHEMICAL NAME

LD50 LC50

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

RESPIRATORY PROTECTION: None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A Awaken Therapeutic Treatment

STABILITY: Normally stable.

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUSPOLYMERIZATION: N/A

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate waste container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at address or phone number listed on page one.

# DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

Awaken Therapeutic Treatment

## <u>PRODUCT IDENTITY (as indicated on label)</u> Thickening Cream

Section 1 Company Identification						
Distributor's Name	• •	elephone Numbe				
Surface Hair	CHEMT	REC 800-4	24-9300	US		
Address (Number, Street, City, State, and ZIP Code)		mber Internatior		s Accepted)		
402 A 1st Ave. N	CHEMT	REC 703-5	527-3887			
Saskatoon, SK, Canada S7K1X6	Date Prepared	I				
	4/11/12					
Section 2 Hazardous Ingredients/Ider	ntity Informati	on				
Hazardous Components	CAS	% by	OSHA	ACGIH		
	Number	Weight	PEL	TLV		
[Specific Chemical Identity; Common Name(s)]			<u> </u>			
The identity of the individual component of this						
be a trade secret. However, based upon the he						
ingredients present at a concentration greater		, this mixture	e presents th	ne following		
HEALTH HAZARD : NONE KNOWN						
Section 3 Hazards Identification						
EMERGENCY OVERVIEW Type of Hazard : May cause respirato Route(s) of Entry : Inhalation; Skin Cor			on.			
POTENTIAL HEALTH EFFECTS Inhalation : Unlikely due to phys Skin Contact : In rare cases, may o Eye Contact : May cause eye irrita Ingestion : None Known.	cause skin irrita	ation or redn	ess.			

### Section 4 First Aid Measures

INHALATION: If vapors or fumes cause irritation, remove and expose victim to fresh air. If irritation persists seek medical attention.

SKIN	: Flush with copious amounts of water. If irritation persists, seek medical attention.
EYES	: Flush with copious amounts of water. If irritation persists, seek medical attention.
INGESTION	: Do not ingest. Seek medical attention.

# Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: >220°F			
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CO	2 extinguishing agent, sand.			
UNUSUAL FIRE AND EXPLOSION HAZARDS : None known					
SPECIAL FIRE FIGHTING PROCEDU	JRES : None known				

## <u>PRODUCT IDENTITY (as indicated on label)</u> Thickening Cream

## PRODUCT CODE

#### Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

#### Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

#### Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

#### Section 9 Physical and Chemical Properties

BOILING RANGE: Not Tested		VAPOR DENSITY:X_HEAVIER LIGHTER, THAN AIR (= 1)		
PERCENT VOLATILE PER WEIGHT: 0%		EVAPORATION RATE:FASTERXSLOWER, THAN ETHER		
pH : 3.5 – 4.5 WEIGHT PI (H <sub>2</sub> O=1)				PECIFIC GRAVITY: 0.96 – 1.01 (H <sub>2</sub> O=1)
SOLUBILITY IN WATER: Soluble				VISCOSITY : 80,000 – 100,000

APPEARANCE	:	Opaque, white/off-white,	viscous cream
ODOR	:	Characteristic	

## <u>PRODUCT IDENTITY (as indicated on label)</u> Thickening Cream

#### Section 10 Stability and Reactivity

STABILITYUnstable X_Stable	HAZARDOUS POLYMERIZATION May Occur X Will Not Occur	
INCOMPATIBILITY (Materials to Avoid)		
Strong oxidizers and reducing agents		
HAZARDOUS DECOMPOSITION PRODUCTS:		
Thermal decomposition may produce low levels of CO, CO2 and other irritating fumes.		
CONDITIONS TO AVOID:		
Extreme heat or freezing temperatures. Keep away from open flame or any source of electrical sparks.		
Section 11 Toxicologie	cal Information	

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

#### Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

#### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD : Waste disposal should be in accordance with existing federal, state and local governmental regulations.

#### Section 14 Transport Information

Finished packaged product transported by ground (DOT): Non hazardous Finished packaged product transported by vessel (IMDG): Non hazardous Finished packaged product transported by air (IATA): Non hazardous

#### Section 15 Regulatory Information

TSCA: N/A SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

Labelling according to EEC Directive: Hazard symbol – Xi, Hazard class Irritant R&S statements R 41-52/53, S 2-26-39-61

#### Section 16 Other Information

#### HAZARD RATING: Health 1 - Flammability 0 - Reactivity 0 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

#### **REVISION DATE: original**

DISCLAIMER: This MSDS is designed to provide information and guidance in regards to the use of this product. It is not intended as all-information guideline on a worldwide hazard communication regulations. To the best of our knowledge, all sections comply with applicable, local, state and national MSDS/Hazard Communication Regulations.

This information is furnished without any guarantee. The user of this product needs to understand the conditions of use and must follow directions on the labels provided. Our Company assumes no legal responsibility as a result of misusing this product.

# SAFETY DATA SHEET

Revision Number 2

Revision Date 220CT19

Issuing Date 220CT19



# **1. IDENTIFICATION**

Product identifier

**Product Name on Label** 

GHC SYSTEMS AWAKEN THICKENING MIST

Other means of identification

Product Code(s)

Recommended use of the chemical and restrictions on use

Recommended Use

**Restrictions on use** 

Details of the supplier of the safety data sheet

**Supplier Identification** 

Address

Telephone

(BULK #303219) (FG# )

Hair Care

No information available

Marianna Beauty (a.k.a. Marianna Industries)

11222 I Street Omaha NE 68137 USA

Phone:4025930211 Fax:4025930614



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NONE

#### E-mail

#### Emergency telephone number

#### **Company Emergency Phone Number**

# 2. HAZARDS IDENTIFICATION

#### Classification

NOT HAZAROUS

Appearance Hazy to Clear

Physical state liquid

sds@mariannabeauty.com

4025930211

#### GHS Label elements, including precautionary statements

Signal Word: none

Hazard statements none

#### Precautionary Statements - Prevention none Precautionary Statements - Response none

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

# Precautionary Statements - Disposal none

#### Other information

19% of the mixture consists of ingredient(s) of unknown toxicity

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

### Substance

Not applicable

#### Mixture

Not Hazardous

Chemical name	CAS-No	Percent	Hazardous Material Information Review Act registry number
---------------	--------	---------	---



	(HMIRA registry #)
-	-

# 4. FIRST AID MEASURES

First aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	If swallowed, consult a physician.
Self-protection of the first aider	No information available.

Most important symptoms and effects, both acute and delayed

# Potential acute health effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	May be fatal if swallowed and enters airways.

## **Over-exposure signs/symptoms**

Eye Contact:	No specific data
Inhalation:	No specific data
Skin Contact:	No specific data
Ingestion:	No specific data

# Indication of any immediate medical attention and special treatment needed Note to physicians

Treat symptomatically.

# **5. FIRE-FIGHTING MEASURES**



#### Suitable Extinguishing Media

Unsuitable extinguishing media

Specific hazards arising from the chemical

**Hazardous Combustion Products** 

Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge

Special protective equipment for fire-fighters

Use an extinguishing agent suitable for the surrounding fire.

None known.

None known.

None known.

No information available. No information available.

No information available.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

**Personal precautions** 

Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

Methods and material for containment and cleaning up

Methods for containment

Methods for cleaning up

Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

# 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Put on appropriate personal protective equipment. Do not swallow. Avoid contact with eyes, skin and clothing. Workers should wash hands and face before eating, drinking and smoking.

Conditions for safe storage, including any incompatibilities

**Storage Conditions** 

Store in accordance with local regulations. Store locked up. Keep out of the reach of children.



# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

**Exposure Limits** 

No information

## Appropriate engineering controls

**Engineering controls** 

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Individual protection measures, such as personal protective equipment

Eye/face protection	Tight sealing safety goggles.
Hand protection	None required under normal use.
Skin and body protection	None required under normal use.
Respiratory protection	None required under normal use.
General hygiene considerations	None required under normal use.



# 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical and Chemical Properties</u> Physical state Appearance Odor Color Odor Threshold		Liquid Hazy Pleasant Light Yellow. Pleasant		
Property_	<u>Values</u>		Remarks Method	
pH Malting (freesing resist	8.25-9.25			
Melting / freezing point Boiling point / boiling range	No data available 100 °C / 212 °F		None known	
Flash Point	No data available		Nonelineur	
Evaporation Rate Flammability (solid, gas)	No data available No data available		None known None known	
Flammability Limit in Air			None known	
Upper flammability limit	No data available			
Lower flammability limit	No data available			
Vapor pressure	No data available		None known	
Vapor density	No data available		None known	
Relative density	0.999-1.030			
Water Solubility Solubility(ies)	Soluble in water No data available		None known	
Partition coefficient: n-octanol/wa				
Autoignition temperature	No data available		None known	
Decomposition temperature	No data available		None known	
Other Information Explosive properties Oxidizing properties Softening Point Molecular Weight VOC Content (%) Liquid Density Bulk Density Particle Size Particle Size Distribution	CTIVITY	No information available No information available		No ir
Reactivity		No informa	ation available.	
Chemical stability	Chemical stability			
Possibility of Hazardous Reaction	S	None under normal processing.		
Hazardous Polymerization		Hazardous polymerization does not		
		Hazardous polymerization does not	occur.	
Conditions to avoid				No ir

Incompatible materials

MARIANNA

None known based on information supplied.

**Hazardous Decomposition Products** 

Carbon oxides. Carbon oxides.

# 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

**Product Information** 

Inha

Itchi

Specific test data for the substance or mixture is not available. **Eye contact** Specific test data for the substance or mixture is not available. **Skin contact** Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

#### Ingestion

Specific test data for the substance or mixture is not available.

Information on toxicological effects

Symptoms

Numerical measures of toxicity

**Acute Toxicity** 

Component Information Chemical name			Ora
	Dermal LI	D50 In h al at io n	



	L
	C
	5
	0
	-

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

No ii

Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# 12. ECOLOGICAL INFORMATION

#### Ecotoxicity The environmental impact of this product has not been fully investigated. Persistence and Degradability No information available. No information available. **Bioaccumulation** The There is no data for this product. Mobility No information available. No information available. Other adverse effects No i

No information available.

# 13. DISPOSAL CONSIDERATIONS



Waste treatment methods

Waste from residues/unused products

**Contaminated packaging** 

Do not reuse empty containers.

# **14. TRANSPORT INFORMATION**

DOT_ Hazard Class	NOT REGULATED <b>Proper Shipping Name</b> NON-REGULATED N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
	Not regulated
Hazard Class	Proper Shipping Name NON-REGULATED
IMDG/IMO	N/A Not regulated <b>Hazard Class</b> N/A
RID	Not regulated
ADR_	Not regulated
ADN_	Not regulated Not regulated
15. REGULATORY INFORMATION	

Safety, health and environmental regulations/legislation specific for the substance or mixture

**International Regulations** 

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Disp envi

#### Export Notification requirements Not applicable

International Inventories
---------------------------

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

	Acute Health Hazard
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No
Reactive Hazard	No
CWA (Clean Water Act)	

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.



#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

# **16. OTHER INFORMATION**

**Revision Note** 

No i

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

No information available

**End of Safety Data Sheet** 



# MATERIAL SAFETY DATA SHEET

Manufactured by: Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Distributed by: GHC Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: (306) 281-4388

Revised: 2/09					
I. PRODUCT INFORM	ATION			Page 1	
PRODUCT NAME: Surface	Hair Baba Hydr	ating Masque			
CHEMICAL NAME: N/A					
CAS NUMBER: N/A					
CHEMICAL FAMILY: N/A					
CHEMICAL FORMULA: N/					
II. SUMMARY OF HAZ	ZARDS				
No known hazards.					
III. HAZARDOUS COM	PONENTS				
<u>NAME</u>	CAS NO. %		POSURE LIMITS <u>TLV</u>	<u>OTHER</u>	
IV. CHEMICAL AND PI	HYSICAL PRO	PERTIES			
BOILING POINT: 212° F		FLASH POIN	Г: N/A		
MELTING POINT: N/A		VAPOR DENSITY: N/A			
SOL. IN WATER: Complete		SPECIFIC GRAVITY: 0.964-0.997 @ 22° C			
pH: 3.0-4.0		EVAPORATION RATE: N/A			

APPEARANCE/ODOR: Creamy white, thick liquid with pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

CHEMICAL NAME

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion.

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

STABILITY: Normally stable

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

# XI. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate waste container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at the address or phone number listed on page one.

### DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

Surface Hair Baba Hydrating Masque

# MATERIAL SAFETY DATA SHEET **Date Prepared:**

File No. 00

No Blank Spaces Permitted By Law

SECTION I PRODUCT INFORMATION							
Trade Name(s) Appearing on Labels: Surface Hair Baba Hydrating Gloss		Chemical Names:					
,							
Manufacturer: Marianna Industries, Inc.	Distributor/Importers: GHC Systems	Emergency Phone:	306-281-4388				
11222 "I" St	2-501 Cartwright St						
Omaha NE 68137	Saskatoon SK S7T 1E1	Business Phone:	306-978-7458				
		Preparer:	Marianna Industries, Inc.				
			11222 "I" St				
			Omaha NE 68137				
SECTION II POTENTIALLY HAZARDOUS INGREDIENTS							
			Exposure Limits In Air				
Chemical Identity	<u>%</u>	CAS Numbers	OSHA (PEL) ACGIH (TLV) Other				
Dimethyl siloxane, hydroxy- <15 70131-67-8							
terminated							
Ethanol	<8	64-17-5	1000ppm 1000ppm				
Octamethylcyclotetrasiloxane	<50	566-62-2					
Polydimethylsiloxane Hazardous Identification In	<55	63148-62-9					
		Harmful if inhal	ed or absorbed through skin.				
Vapor is Harmful. Flammabl	e! Affects central nerv	vous system. Ca	uses irritation to skin, eyes,				
and respiratory tract. May	affect liver, blood, re	eproductive syst	em.				
WARNING! Contents FI	AMMADIEL Do pot or		on flome or while emplying				
WARNING! <u>Contents FI</u> Do not smoke until ha			en flame or while smoking. ng in eyes. If eye				
contact occurs, rinse							
		-					
temperatures above 12			LDERN. Use only as				
	directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.						

# SECTION III

### **REACTIVITY AND STORAGE**

Proper Storage Conditions:

Store in a cool dry place. Product poses no danger. Store in origional containers at room temperature to protect product.

Conditions to A	void:				
N/A					
Incompatibility	(materials to avoid)				
N/A	A				
Harmful By-pro	oducts:				
N/A	A				
Proper Storage	Conditions:				
Sto	re in a cool dry p	blace. Product poses no	danger. Store in original	containers at room ter	nperature to protect product.
		x	Hazardous		
Stability:	Stable	Unstable	Polymerization:	May Occur	Will Not Occur
	НА	ZARDOUS MATERI	AL IDENTIFICATION	SYSTEM RATINGS	(HMIS)

HMIS Rating Scales: $0 = Minimal$	. 1	= Slight	2 = Moderate	3 = Serious	4 = Severe		
This Product's Rating:	Health:	1	Flammability:		3	Reactivity:	0
						(With Other Chemicals)	

Product:

SECTION IV	HEALTH HAZARDS							
Route(s) of Entry Into the Body:	Inhalation:		yes	Skin:	Yes		Ingestion:	yes
Ingredient(s) Listed as Cancer Causing Agents:		NTP:	Nkn	IARC Monog	raphs:	Nkn	OSHA Registered:	nkn

Health Hazards (Resulting from misuse or overexposure):

Short Term Effects:

<u>Inhalation:</u> May cause irritation to the mucous membranes of the upper respiratory tract. Exposure over 1000 ppm may cause headache, drowsiness, lassitude, loss of appetite, inability to concentrate, and throat irritation.

Skin Contact: : May cause irritation, cracking, flaking, and de-fatting of skin

Eye Contact: : Liquid and vapor may cause irritation. Splashes may cause temporary pain and blurred vision.

INGESTION: If swallowed, consult a physician.

Long Term Effects:

Signs and Symptoms of Over-Exposure:

Medical Conditions Generally Aggravated by Exposure: CHRONIC EFFECTS OF EXPOSURE: Damage may occur to heart, kidneys and liver. People with pre-existing skin disorders, eye problems, or impaired kidney or liver function bay be more susceptible to effects.

#### **Emergency and First Aid Treatment**

Eye Contact: Liquid and vapor may cause irritation. Splashes may cause temporary pain and blurred vision. Remove Contaminated Clothing. Clean before reuse Flush immediately with cool running water for at least 15 to 20 minutes, separating eyelids with fingers. Consult a physician. physician

<u>Skin Contact</u>: May cause irritation, cracking, flaking, and de-fatting of skin on prolonged contact. . Remove contaminated clothing. Clean before reuse. Wash with soap and water, then rinse with water. Consult a physician

<u>Inhalation</u>: May cause irritation to the mucous membranes of the upper respiratory tract. Exposure over 1000 ppm may cause headache, drowsiness, lassitude, loss of appetite, inability to concentrate, and throat irritation. Immediately remove to fresh air. If victim has stopped breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention immediately Ingestion: Can cause depression of Central Nervous System, nausea, vomiting, diarrhea, intoxication, and in acute cases can cause death. May be harmful or fatal if swallowed. Conscious or able to swallow-Have victim drink water or milk to dilute. Never Give Anything By Mouth If Unconscious or Convulsing. Call a Physician and / or Poison Control Immediately. Induce vomiting only if advised by the Physician or Poison Control. Immediate medical attention may be necessary

Target Organ(s) Effected:

#### SECTION V

#### **CONTROL MEASURES**

Specified Respiratory Protection: Not necessary.

Ventilation Required:	Local Exhaust:		x Me	chanical:	na	Special:	na	(Specify)
Protective Gloves: None	required	under	normal	use.				

Eye Protection: None required under normal use.

Work/Hygienic Practices: Use as directed.

Other Special Precautions of Protective Equipment: None required under normal use.

#### SECTION VI PRECAUTIONS FOR SAFE HANDLING AND USE

Precautions to Be Taken in Handling and Storage: Stable under normal conditioner.

Other Precautions for Safe Use: Follow instruction on bottle.

Procedures to Be Followed in the Event of a Spill: Absorb spills with inert material and place into a separate waste container.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

SECTION VII	PHYSICAL CHARACTERISTICS	
Water Solubility: Completely	Density: 7.9569	Boiling Point: ne
Appearance: Clear Colorless	Vapor Pressure (mm Hg): NE	Melting Point: NE
Physical Form: Liquid	Vapor Density (air = 1): $NE$	Odor: Pleasant
Percent Volatile by Weight: 60	Evaporation Rate (IPA =1): NE	
SECTION VIII	FIRE AND EXPLOSION DATA	
Flash Point: <u>35</u> °C	<u>NA</u> °F Method Used:	Closed Cup
Flammable Limits in Air, % Volume LeL: <u>3.3%</u> UeL:	<u>x</u> 19%	Extinguishing MediaWater SprayxAlcohol FoamDry ChemicalxCarbon DioxideOther(specify)

Special Fire Fighting Procedures: If leak / spill has not ignited, use water spray to disperse vapors and protect people attempting to stop the leak. Water spray may be used to flush spills away from exposure and to dilute spills to non-flammable mixtures. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece in pressure

demand or other positive pressure mode. Water can be used to extinguish flames and cool fire-exposed containers.

Unusual Fire and/or Explosion Hazards: Above flashpoint, vapor -air mixtures are explosive. Vapors can flow along surfaces to ignition sources and flash back. Sealed containers may rupture when heated. Sensitive to static discharge. Alcohol flames may be difficult to see because they are virtually colorless. Combustion products include but not limited to Carbon Dioxide and Carbon Monoxide. Vaporizes easily at room temperatures. Prevent buildup of vapors Product:

**IMPORTANT NOTICE:** The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct; however, no warrant or representation, expressed or implied, is made as to the accuracy or suitability of this information for application to the purchaser's intended purpose, or for consequences of its use. Use these materials only as directed. If you have any questions regarding the proper interpretation of this sheet, or the meaning of any terms used, we strongly urge you to speak with your physician. For further information concerning product safety and proper use, call the number listed on the front of the MSDS.

Product Must Be Used With Adequate Ventilation and in Accordance With Manufacturers Instructions.

Abbreviations used:

NE = not establishedNKn = not knownN/A = not applicableN/D = no data IPA = Isopropyl Alcohol (Rubbing Alcohol) mm HG = millimeters of Mercury PEL = Permissible Exposure Limit TLV = Threshold Limit Value CAS = Chemical Abstract Number NTP = National Toxicology Program IRAC = International Agency for Research on Cancer OSHA = Occupational Safety & Health Admin.

#### DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS CORRECTNESS.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE, OR EXPENSE ARISING OUT OF OR IN ANYWAY CONNECTED WITH THE HANDLING, STORAGE, USE, OR DISPOSAL OF THE PRODUCT.

Other Information or Special Instructions:

None.

# <u>Material Safety Data Sheet</u> Marianna Industries Inc 11222 I St Omaha NE 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY INFOTRAC (800) 457-4280

Created: 6-2011

I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: Surface Bassu Gold 8oz

# II. HAZARDS IDENTIFICATION

#### Acute Effects

Eye: Direct contact may cause temporary redness and discomfort. Skin: No significant irritation expected from a single short-term exposure. Inhalation: No significant effects expected from a single short-term exposure. Oral: Low ingestion hazard in normal use.

#### Prolonged/Repeated Exposure Effects

Skin: No known applicable information. Inhalation: No known applicable information. Oral: No known applicable information.

#### Signs and Symptoms of Overexposure

No known applicable information.

#### Medical Conditions Aggravated by Exposure

No known applicable information.

#### III. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Components :		Preparation	n.		
Substance name Decamethylcyclopentasiloxane	Contents 70.0 - 90.0	CAS No 541-02-6	EC No	Annex No	Classification
Octamethylcyclotetrasiloxane	20-30	556-67-2			
Diemethy Siloxane Hydroxyl Te	rminated 8-14	70131678			

The above components are hazardous as defined in 29 CFR 1910.1200. IV. **FIRST AID MEASURES** 

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are

held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

**INGESTION**: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

**OTHER HEALTH EFFECTS**: N/A

# V. FIRE FIGHTING MEASURES

Flash Point: 134.6 °F / 57 °C (Tag Closed Cup)

131 °F / 55 °C (Cleveland Open Cup)

Autoignition Temperature: 752 °F / 400 °C

Flammability Limits in Air: Lower Limit: 0.75 % Upper Limit: 7.4 %

Extinguishing Media: On large fires use AFFF alcohol compatible foam or water spray (fog). On small fires use

AFFF alcohol compatible foam, CO2 or water spray (fog). Water can be used to cool fire exposed containers.

Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large

fires involving chemicals. Determine the need to evacuate or isolate the area according to

your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire Hazards: Vapors are heavier than air and may travel to a source of ignition and flash back. Static

electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Fire burns more vigorously than would be expected.

# VI. ACCIDENTAL RELEASE MEASURES

### ACCIDENTAL RELEASE MEASURES

Containment/Clean up: Remove possible ignition sources. Determine whether to evacuate or isolate the area

according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

### VII. <u>.HANDLING AND STORAGE</u>

Use with adequate ventilation. Avoid eye contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed.

Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks, and flame.

#### **Component Exposure Limits**

CAS Number Component Name Exposure Limits

556-67-2 Octamethylcyclotetrasiloxane

# Engineering Controls

Local Ventilation: Recommended. General Ventilation: Recommended. Dow Corning guide: TWA 10 ppm.

### Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Suitable Gloves: Handle in accordance with good industrial hygiene and safety practices.

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator: General and local exhaust ventilation is recommended to maintain vapor exposures below

recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

### Personal Protective Equipment for Spills

Eyes: Use full face respirator.

Skin: Washing at mealtime and end of shift is adequate.

Inhalation/Suitable

Respirator:

Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Precautionary Measures: Avoid eye contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Use

reasonable care.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require

added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the

use of silicone-based materials in aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact

the Dow Coming customer service group.

# IX PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 175 °C	FLASH POINT: Flash Point: 134.6 °F / 57 °C (Tag Closed Cup) 131 °F / 55 °C (Cleveland Open Cup)
MELTING POINT: N/A	VAPOR Pressure: 0.12kPA
SOL. IN WATER: semi soluble	SPECIFIC GRAVITY: 0.950-0.990@ 22° C
pH: 3.75-7.0	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Orange To yellow liquid with a pleasant fragrance

# X STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: None. Materials to Avoid: Oxidizing material can cause a reaction.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehy de.

### XI\_TOXICOLOGICAL INFORMATION\_

### Acute Toxicology Data for Product

Species Test Results Type of Test

Inhalation LC50: Rat 36 mg/l 4hr vapor

#### **Component Toxicology Information**

Octamethylcyclotetrasiloxane administered to rats by inhalation at concentrations of 500 and 700 ppm resulted in

statistically significant decreases in the number of pups born and the live litter size in both the first and second

generations. Prolonged estrous cycles, and decreased mating and fertility indices were observed following 700 ppm

exposure in the second generation only. There were also increases in the incidence of deliveries of offspring extending

over an unusually long time period (dystocia).

Results from a 2 year repeated vapour inhalation exposure study to rats of octamethylcyclotetrasiloxane (D4) indicate

effects (benign uterine adenomas) in the uterus of female animals. This finding occurred at the highest exposure dose

(700 ppm) only.

Studies to date have not demonstrated if these effects occur through pathways that are relevant to humans.

Based on the available information on its potential to cause harm to human health, Health Canada, in a 2008 screening

assessment, has concluded that octamethylcyclotetrasiloxane is not entering the environment in a quantity or

concentration or under conditions that constitute or may constitute a danger in Canada to human life or health

(http://www.ec.gc.ca/substances/ese/eng/challenge/batch2/batch2\_556-67-2.cfm).

Repeated exposure in rats to D4 resulted in what appears to be protoporphyrin accumulation in the liver. Without

knowledge of the specific mechanism leading to the protoporphyrin accumulation the relevance of this finding to humans

is unknown.

#### Special Hazard Information on Components Reproductive Toxicity

CAS Number Wt % Component Name

556-67-2 85.0 - 100.0 Octamethylcyclotetrasiloxane Evidence of reproductive effects in laboratory animals.

#### **Component Toxicology Information**

Results from a 2 year repeated vapour inhalation exposure study to rats of **decamethylcyclopenta siloxane** (D5) indicate effects (uterine endometrial tumors) in female animals. This finding occurred at the highest exposure dose (160 ppm) only. Studies to date have not demonstrated if this effect occurs through a pathway that is relevant to humans. Based on the available information on its potential to cause harm to human health, Health Canada, in a 2008 screening assessment, has concluded that D5 is not entering the environment in a quantity or concentration or under conditions that constitute or may constitute a danger in Canada to human life or health (http://www.ec.gc.ca/substances/ese/eng/challenge/batch2/batch2\_541-02-6.cfm). XII ECOLOGICAL INFORMATION

#### **Environmental Fate and Distribution**

Air: Low molecular weight volatile siloxanes in air are degraded by reaction with hydroxyl radicals, which is the dominant degradation process for most chemicals in the atmosphere. Water: Low molecular weight volatile siloxanes have very low water solubility and evaporate to air. Soil: Low molecular weight volatile siloxanes in soil are removed by several simultaneously occurring processes including volatilization, hydrolysis, and clay-catalyzed degradation.

#### **Environmental Effects**

Toxicity to Water Organisms: This product is volatile and has a very short half life in the aquatic environment and therefore does not present a risk to aquatic organisms.

#### Fate and Effects in Waste Water Treatment Plants

Low molecular weight volatile siloxanes are efficiently removed (>90%) during wastewater treatment with approximatelyequal amounts going to the atmosphere and the sludge. Low molecular weight volatile siloxanes in treated wastewatereffluent will be bound to particulate matter because of very low water solubility.

Ecotoxicity Classification Criteria Hazard Parameters (LC50 or EC50) High Medium Low Acute Aquatic Toxicity (mg/L) <=1 >1 and <=100 >100 Acute Terrestrial Toxicity <=100 >100 and <= 2000 >2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993. This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the

section concerning the overall ecological safety of this material.

# XIII DISPOSAL CONSIDERATIONS

### RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? Yes Characteristic Waste:

Ignitable: D001

State or local laws may impose additional regulatory requirements regarding disposal.

### XIV\_TRANSPORT INFORMATION\_

#### DOT Road Shipment Information (49 CFR 172.101)

Proper Shipping Name: Combustible liquid, n.o.s. Hazard Technical Name: Cyclopolydimethylsiloxane Hazard Class: C UN/NA Number: NA 1993 Packing Group: III Hazard Label(s): None Remarks: Above applies only to containers over 119 gallons or 450 liters.

#### **Ocean Shipment (IMDG)**

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. Hazard Technical Name: Cyclopolydimethylsiloxane Hazard Class: 3 UN/NA Number: UN 1993 Packing Group: III Hazard Label(s): flammable liquid **Air Shipment (IATA)** 

Proper Shipping Name: Flammable liquid, n.o.s. Hazard Technical Name: Cyclopolydimethylsiloxane Hazard Class: 3 UN/NA Number: UN 1993 Packing Group: III Hazard Label(s): Flammable Liquid

#### XIV REGULATORY INFORMATION

**EPA SARA Title III Chemical Listings** Section 302 Extremely Hazardous Substances (40 CFR 355): None. Section 304 CERCLA Hazardous Substances (40 CFR 302): None. Section 311/312 Hazard Class (40 CFR 370): Acute: No Chronic: Yes Fire: Yes Pressure: No Reactive: No Section 313 Toxic Chemicals (40 CFR 372): None present or none present in regulated quantities. Note: Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold. Supplemental State Compliance Information California Warning: This product contains the following chemical(s) listed by the State of California under the Safe **Drinking Water** and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm. None known. Massachusetts No ingredient regulated by MA Right-to-Know Law present. New Jersev CAS Number Wt % Component Name 556-67-2 85.0 - 100.0 Octamethylcyclotetrasiloxane **Pennsvlvania** CAS Number Wt % Component Name 556-67-2 85.0 - 100.0 Octamethylcyclotetrasiloxane

### XVI OTHER INFORMATION.

#### DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal

of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# SAFETY DATA SHEET

Issuing Date 05OCT18

Revision Date 050CT18

Revision Number 1



1. IDENTIFICATION			
Product identifier			
Product Name on Label	GHC BASSU CONDITIONER 2018		
Other means of identification			
Product Code(s)	(WERCS ID, if applicable) (BULK #302879) (FG #64454)		
Recommended use of the chemical an	d restrictions on use		
Recommended Use	Hair Shampoo		
Restrictions on use	No information available		
Details of the supplier of the safety data sheet			
Supplier Identification	Marianna Beauty (a.k.a. Marianna Industries)		
Address	11222 I Street Omaha NE 68137 USA		
Telephone	Phone:4025930211 Fax:4025930614		
E-mail	sds@mariannabeauty.com		
Emergency telephone number			



#### Company Emergency Phone Number 4025930211

# 2. HAZARDS IDENTIFICATION

#### Classification

NOT HAZAROUS	NONE

**Appearance Creamy White** 

Physical state Semi solid

Odor Pleasant

#### GHS Label elements, including precautionary statements

Signal Word: none

Hazard statements none

Precautionary Statements - Prevention none Precautionary Statements - Response none

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal none

#### Other information

Unknown Acute Toxicity: No information Available

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Substance

Not applicable

#### Mixture

Not Hazardous

Chemical name	CAS-No	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
			registry #)	
	-		-	-



# **4. FIRST AID MEASURES**

First aid measures	
General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	If swallowed, consult a physician.
Self-protection of the first aider	No information available.

Most important symptoms and effects, both acute and delayed

# Potential acute health effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	May be fatal if swallowed and enters airways.

# **Over-exposure signs/symptoms**

Eye Contact:	No specific data
Inhalation:	No specific data
Skin Contact:	No specific data
Ingestion:	No specific data

# Indication of any immediate medical attention and special treatment needed Note to physicians

Treat symptomatically.



# **5. FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	None known.
Hazardous Combustion Products	None known.
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	No information available. No information available.
Special protective equipment for fire- fighters	No information available.

# 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.	
Methods and material for containment	and cleaning up	
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.	
Methods for cleaning up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.	

# 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Put on appropriate personal protective equipment. Do not swallow. Avoid contact with eyes, skin and clothing. Workers should wash hands and face before eating, drinking and smoking.

#### Conditions for safe storage, including any incompatibilities

**Storage Conditions** 

Store in accordance with local regulations. Store locked up. Keep out of the reach of children.



# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION Control parameters **Exposure Limits** No information Appropriate engineering controls Good general ventilation should be sufficient to control worker exposure to airborne **Engineering controls** contaminants. Individual protection measures, such as personal protective equipment Eye/face protection Tight sealing safety goggles. Hand protection None required under normal use. Skin and body protection None required under normal use. **Respiratory protection** None required under normal use. General hygiene considerations None required under normal use.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties	_	
Physical state	Liquid	
Appearance	Pearly White	
Odor	Pleasant	
Color	White	
Odor Threshold	Pleasant	
Property	Values	Remarks Method
pH	3.25-4.25	Kemarks Method
Melting / freezing point	No data available	None known
Boiling point / boiling range	100 °C / 212 °F	
Flash Point	No data available	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	0.965-1.000	
Water Solubility	Soluble in water	



ernot applicable No data available		
No data availabla		
INU Uala avaliable	None known	
No data available	None known	
100,000-215,000	Spindle F RPM 3 (LVT)	
		No
No information available		
	100,000-215,000 No information available No information available	100,000-215,000 Spindle F RPM 3 (LVT) No information available No information available

Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not occur. Hazardous polymerization does not occur.	
Conditions to avoid		
Incompatible materials	None known based on information supplied.	
Hazardous Decomposition Products	Carbon oxides. Carbon oxides.	

# **11. TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

**Product Information** 

Specific test data for the substance or mixture is not available. **Eye contact** Specific test data for the substance or mixture is not available. **Skin contact** Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. **Ingestion** 

No i

Inha

	Specific test data for the substance or mixture is not available.	
Information on toxicological effects		
Symptoms		Itchi
Numerical measures of toxicity		
Acute Toxicity		

Component Information				
Chemical name				Oral
		Dermal LD50	Inhalation LC50	
Delayed and immediate effects as well as chronic effects from short and long- term exposure Skin corrosion/irritation			-	No i
Serious eye damage/eye irritation	No information available.			
Respiratory or skin sensitization	May cause sensitization b	y skin contact.		
Germ cell mutagenicity	No information available.			
Carcinogenicity	No information available.			
Reproductive toxicity	No information available.			
STOT - single exposure	No information available.			
STOT - repeated exposure	No information available.			
Aspiration hazard	No information available.			

# 12. ECOLOGICAL INFORMATION

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and Degradability	No information available. No information available.



#### Bioaccumulation

There is no data for this product.

Mobility

Other adverse effects

No information available. No information available.

No i

The

No information available.

# **13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

Waste from residues/unused products

**Contaminated packaging** 

Do not reuse empty containers.

# **14. TRANSPORT INFORMATION**

DOT	NOT REGULATED Proper Shipping Name
Hazard Class	NON-REGULATED N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
<u>IATA</u>	Not regulated
IATA Hazard Class	<b>Proper Shipping Name</b> NON-REGULATED
	Proper Shipping Name



Page 8 / 11

Disp envi <u>ADR</u>

Not regulated

ADN

Not regulated Not regulated

# **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

#### International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

	Acute Health Hazard	
Chronic Health Hazard		No
Fire Hazard		No
Sudden release of pressure hazard		No
Reactive Hazard		No



#### Reactive Hazard CWA (Clean Water Act)

No

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### <u>CERCLA</u>

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

# **16. OTHER INFORMATION**

#### **Revision Note**

No i

Disclaimer

No information available

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal



and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### End of Safety Data Sheet



# SAFETY DATA SHEET

**Issuing Date** 05OCT18

Revision Date 050CT18

Revision Number 1



1. IDENTIFICATION		
Product identifier		
Product Name on Label	GHC BASSU HYDRATING SHAMPOO 2018	
Other means of identification		
Product Code(s)	(WERCS ID, if applicable) (BULK #302878) (FG #63301)	
Recommended use of the chemical and	restrictions on use	
Recommended Use	Hair Shampoo	
Restrictions on use	No information available	
Details of the supplier of the safety data	a sheet	
Supplier Identification	Marianna Beauty (a.k.a. Marianna Industries)	
Address	11222 I Street Omaha NE 68137 USA	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	sds@mariannabeauty.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	



# 2. HAZARDS IDENTIFICATION

#### Classification

NOT HAZAROUS	NONE

 Appearance
 Pearly Off White
 Physical state
 Liquid

Odor Pleasant

#### GHS Label elements, including precautionary statements

Signal Word: none

Hazard statements none

Precautionary Statements - Prevention none Precautionary Statements - Response none

#### Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal none

#### Other information

Unknown Acute Toxicity: No information Available

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Substance

Not applicable

#### Mixture

Not Hazardous

	Chemical name	CAS-No	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
ĺ		-		-	-



# 4. FIRST AID MEASURES

First aid measures	
General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	If swallowed, consult a physician.
Self-protection of the first aider	No information available.

Most important symptoms and effects, both acute and delayed

# Potential acute health effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	May be fatal if swallowed and enters airways.

# Over-exposure signs/symptoms

Eye Contact:	No specific data
Inhalation:	No specific data
Skin Contact:	No specific data
Ingestion:	No specific data

Indication of any immediate medical attention and special treatment needed Note to physicians

Treat symptomatically.



	5. FIRE-FIGHTING MEASURES
Suitable Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	None known.
Hazardous Combustion Products	None known.
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	No information available. No information available.
Special protective equipment for fire- fighters	No information available.

# 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Methods and material for containment	and cleaning up
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.
Methods for cleaning up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

# 7. HANDLING AND STORAGE

# Precautions for safe handling

Advice on safe handling

Put on appropriate personal protective equipment. Do not swallow. Avoid contact with eyes, skin and clothing. Workers should wash hands and face before eating, drinking and smoking.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** 

Store in accordance with local regulations. Store locked up. Keep out of the reach of children.



# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	
Exposure Limits	No information
Appropriate engineering controls	
Engineering controls	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection measures, such a	s personal protective equipment
Eye/face protection	Tight sealing safety goggles.
Hand protection	None required under normal use.
Skin and body protection	None required under normal use.
Respiratory protection	None required under normal use.
General hygiene considerations	None required under normal use.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties Physical state Appearance Odor Color Odor Threshold	Liquid Pearly OFF White Pleasant White Pleasant	
Property	Values	Remarks Method
pH	4.50 - 5.50	
Melting / freezing point	No data available	None known
Boiling point / boiling range	100 °C / 212 °F	
Flash Point	No data available	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.000-1.030	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known



No i

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Partition coefficient: n-octanol/wa Autoignition temperature Decomposition temperature Viscosity	aternot applicable No data available No data available 14,000-28,000	None known None known Spindle F RPM 3 (LVT)	
Other Information			
Explosive properties			Ν
Oxidizing properties	No information available		
Softening Point	No information available		
Molecular Weight	No information available		
VOC Content (%)	No information available		
Liquid Density	No information available		
Bulk Density	No information available		
Particle Size	No information available		
Particle Size Distribution	No information available		
	No information available		
10. STABILITY AND READ	CTIVITY		
	-		

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur. Hazardous polymerization does not occur.
Conditions to avoid	nazardous porymenzation does not occur.
Incompatible materials	None known based on information supplied.
·	
Hazardous Decomposition Products	Carbon oxides. Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

# Information on likely routes of exposure

**Product Information** 

Specific test data for the substance or mixture is not available. **Eye contact** Specific test data for the substance or mixture is not available. **Skin contact** Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. **Ingestion** Specific test data for the substance or mixture is not available.



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# Information on toxicological effects

Symptoms

# Numerical measures of toxicity

Acute Toxicity

Component Information				
Chemical name				Oral
		Dermal LD50	Inhalation LC50	
Delayed and immediate effects as well as chronic effects from short and long- term exposure Skin corrosion/irritation				 No i
Serious eye damage/eye irritation	No information available.			
Respiratory or skin sensitization	May cause sensitization b	y skin contact.		
Germ cell mutagenicity	No information available.			
Carcinogenicity	No information available.			
Reproductive toxicity STOT - single exposure	No information available. No information available.			
STOT - repeated exposure	No information available.			
Aspiration hazard	No information available.			

# **12. ECOLOGICAL INFORMATION**

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and Degradability	No information available. No information available.



### **Bioaccumulation**

There is no data for this product.

Mobility

Other adverse effects

No information available. No information available.

No i

The

No information available.

# **13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

Waste from residues/unused products

**Contaminated packaging** 

Do not reuse empty containers.

# **14. TRANSPORT INFORMATION**

DOT Hazard Class	NOT REGULATED Proper Shipping Name NON-REGULATED
TDG_	N/A Not regulated
MEX	Not regulated
ICAO	Not regulated
	Not regulated
	Dropor Shipping Namo
Hazard Class	Proper Shipping Name NON-REGULATED
Hazard Class	



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Disp

envi

<u>ADR</u>

Not regulated

ADN

Not regulated Not regulated

# **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

### International Inventories

Contact supplier for inventory compliance status.
Contact supplier for inventory compliance status.

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### US Federal Regulations

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

	Acute Health Hazard	
Chronic Health Hazard		No
Fire Hazard		No
Sudden release of pressure hazard		No
Reactive Hazard		No



### Reactive Hazard CWA (Clean Water Act)

No

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

# <u>CERCLA</u>

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

# US State Regulations

### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

# **16. OTHER INFORMATION**

### **Revision Note**

No i

# Disclaimer

No information available

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal



and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

# End of Safety Data Sheet



# SAFETY DATA SHEET

FICATION OF THE SUBSTAN Bassu Moisture Mist <u>n</u> emical and restrictions on use No information available	ICE/PREPARATIO	ON AND COMPAN	IY/UNDERT	AKING
<u>1</u> emical and restrictions on use				
<u>1</u> emical and restrictions on use				
emical and restrictions on use				
No information available				
No information available				
ress				
sol				
0416				
5100				
<u>er</u>				
1-866-634-5100				
Chemtrec 1-800-424-9300				
2. HAZ	ARD IDENTIFICA	TION		
	No information available ress sol t. 0416 5100 <u>er</u> 1-866-634-5100 Chemtrec 1-800-424-9300 <b>2. HAZ</b>	ress sol t. 0416 5100 <u>er</u> 1-866-634-5100 Chemtrec 1-800-424-9300	ress sol t. 0416 5100 <u>er</u> 1-866-634-5100	ress sol t. 0416 5100 <u>er</u> 1-866-634-5100 Chemtrec 1-800-424-9300

# **Classification**

Serious Eye Damage/Eye Irritation	Category 2A	
Carcinogenicity	Category 2	
Specific Target Organ Systemic toxicity (Single Exposure)	Category 3	
Simple Asphyxiant	Yes	
Flammable Aerosols	Category 1	
Gases Under Pressure		

# **GHS label elements, including precautionary statements**

# **EMERGENCY OVERVIEW**

Signal Word	Danger
Hazard Statements	
Causes serious eye	rritation
<ul> <li>May cause respirate</li> </ul>	ory irritation
<ul> <li>May cause drowsin</li> </ul>	ess or dizziness
<ul> <li>Extremely flammab</li> </ul>	le aerosol



# **Precautionary Statements**

# Prevention

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Wash face, hands and any exposed skin thoroughly after handling.
- Wear eye/face protection.
- Avoid breating dust/fune/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Keep away from heat/sparks/open flames/hot surfaces No smoking.
- Do not spray on an open flam or other ignition source.
- Pressurized container: Do no pierce or burn, even after use.

# **General Advice**

• If exposed or concerned: Get medical attention/advice

# Eyes

• IF IN EYES: Rinse cautionsly with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

• If eye irritation persists: Get medical advice/attention.

# Inhalation

• IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

# Storage

- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F

# Disposal

• Dispose of contents/container to an approved waste disposal plant.

# Hazzard Not Otherwise Classifed (HNOC)

Rapid evaporation of the liquid may cause frostbite.

# **Other information**

May be harmful if inhaled. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

3. COMPOSITION/INFORMATION ON INGREDIENTS				
Chemical Name	CAS-No	Weight %	Trade Secret	

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

	4. FIRST AID MEASURES
Description of necessary first-aid measu	res
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.
Skin Contact	Wash off with warm water and soap. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Get medical attention if symptoms occur.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical
Ingestion	Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Most important symptoms/effects, acut	e and delayed
Most Important Symptoms/Effects	Eye irritation/reactions. Frostbite. Drowsiness. Dizziness. Simple asphyxiant.
Indication of immediate medical attention	on and special treatment needed, if necessary
Notes to Physician Treat sympt	tomatically.
	5. FIRE-FIGHTING MEASURES
Suitable Extinguishing Media	
Carbon dioxide (CO 2 ). Dry chemical. Alc	ohol-resistant foam. Water fog.
Unsuitable Extinguishing Media	No information available.
Specific Hazards Arising from the Chemic No information available.	<u>cal</u>
Hazardous Combustion Products	Thermal decomposition can lead to release of irritating and toxic gases and vapors: Carbon oxides. Nitrogen oxides (NOx).
Explosion Data	
Sensitivity to Mechanica	-
Sensitivity to Static Disch	narge Yes
Protective Equipment and Precautions f	or Firefighters
As in any fire, wear self-contained breath	ing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
	6. ACCIDENTAL RELEASE MEASURES

# Personal precautions, protective equipment and emergency procedures

Personal Precautions	Contents under pressure. Remove all sources of ignition. Do not puncture or incinerate cans. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material
Environmental Precautions	
Environmental Precautions	See Section 12 for additional Ecological Information.

# Methods and materials for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Pick up and transfer to properly labeled containers. Cover liquid spill with sand, earth or other noncombustible absorbent material. Clean contaminated surface thoroughly.

# 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Handling Contents under pressure. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes and clothing.

### Conditions for safe storage, including any incompatibilities Storage Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other

**Incompatible Products** 

Strong oxidizing agents.

chemicals.

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Control parameters**

### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH

Appropriate engineering	controls			
Engineering Measures		Showers Eyewash stations Ventilation systems		
Individual protection me	asures, such as p	personal protective equipment		
Eye/Face Protection		No protective equipment is needed under normal use conditions. Risk of contact, wear: Safety glasses with side-shields.		
Skin and Body Protection	n	No protective equipment is needed under normal use conditions. Lightweight protective clothing. Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.		
Respiratory Protection		No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.		
Hygiene Measures		Handle in accordance with good industrial hygiene and safety practice.		
		9. PHYSICAL AND CHEMICAL PROPERTIES		
Information on basic phy	ysical and chemic	al properties		
Physical State	Aerosol	Appearance Clear		

Physical State	Aerosol	Appearance	Clear

### WPS-CHI-011

Odor	Fragranced	Odor Threshold	No information available
<u>Property</u>		<u>Values</u>	<b>Remarks/ - Method</b>
рН		No data available	Enter here
Melting Point/Range		No data available	Enter here
Boiling Point/Boiling Rang	e	NE	for concentrate
Flash Point		55 degrees F	
Evaporation rate		>1	Enter here
Flammability (solid, gas)		No data available	Enter here
Flammability Limits in Air		No data available	Enter here
upper flammabil	lity limit	No data available	Enter here
lower flammabil	ity limit	No data available	Enter here
Vapor Pressure		45-55 psig @ 70 F	Enter here
Vapor Density		No data available	Enter here
Specific Gravity		0.99	water = 1
Water Solubility		No data available	Enter here
Solubility in other solvents	5	No data available	Enter here
Partition coefficient: n-oct	anol/water	No data available	Enter here
Autoignition Temperature		No data available	Enter here
Decomposition Temperatu	ure	No data available	Enter here
Viscosity		No data available	Enter here
Flammable Properties		Not Flammable	Enter here
<b>Explosive Properties</b>		No data available	Enter here
<b>Oxidizing Properties</b>		No data available	Enter here

**Other information** 

VOC Content (%)

# **10. STABILITY AND REACTIVITY**

### **Reactivity**

Not reactive under normal conditions.

# **Chemical stability**

Stable under recommended storage conditions.

# Possibility of hazardous reactions

None under normal processing.

# Hazardous Polymerization

Hazardous polymerization does not occur.

<u>Conditions to avoid</u> Heat, flames and sparks.

Incompatible materials Strong oxidizing agents

# Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx).

**11. TOXICOLOGICAL INFORMATION** 

# Information on likely routes of exposure

# **Product Information**

Inhalation	May cause irritation of respiratory tract. May cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and inhaling contents may be
Eye Contact	Contact with eyes may cause serious eye irritation based on the components present within the product.
Skin Contact	Contact with product may cause frostbite.
Ingestion	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
		-	

# Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Eye contact with liquid may cause irritation including stinging, burning, tearing, or reddening of the eyes. Avoid skin contact with leaking liquid (danger of frostbite).

# Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	

Chemical Name	ACGIH	IARC	NTP	OSHA	
Reproductive Toxicity	No information	available.			
STOT - single exposure	May cause resp	piratory irritation. May caus	e drowsiness or dizziness.		
STOT - repeated exposure	No information	available.			
Aspiration Hazard	No information available.				
Numerical measures of toxicity - I	Product				
The following values are calculated	d based on chapter 3.1 of t	the GHS document:			
LD50 Oral					
LD50 Dermal					
nhalation					
Vapor					

### **12. ECOLOGICAL INFORMATION**

# **Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)

Persistence and Degradability

No information available.

**Bioaccumulation** 

No information available.

Chemical Name	Log Pow

# **Other Adverse Effects**

No information available.

# **13. DISPOSAL CONSIDERATIONS**

Waste Disposal Methods

Dispose of in accordance with federal, state, and local regulations.

**Contaminated Packaging** 

Do not re-use empty containers.

# **14. TRANSPORT INFORMATION**

DOT	
Proper shipping name	Consumer commodity
Hazard Class	ORM-D
Description	Consumer commodity, ORM-D
Emergency Response Guide	126
Number	
TDG	
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Description	UN1950, Aerosols, 2.1
MEX	
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Description	UN1950, Aerosols, 2.1
ICAO	
UN-Number	ID8000
Proper Shipping Name	Consumer commodity

Hazard Class Description	9 ID8000, Consumer commodity, 9
ΙΑΤΑ	
UN-Number	ID8000
Proper Shipping Name	Consumer commodity
Hazard Class	9
ERG Code	9L
Description	ID8000, Consumer commodity, 9
IMDG/IMO	
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2
EmS No.	F-D, S-U
Description	UN1950, Aerosols, 2.1 (18.3°C o.c.)

# **15. REGULATORY INFORMATION**

### **International Inventories**

TSCA DSL All components of this product are either listed or are exempt on the TSCA inventory. Substances comply or are exempt

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### **U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %

# SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

### **Clean Water Act**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances

### **CERCLA**

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ

# U.S. State Regulations

**California Proposition 65** 

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	CAS-No	California Prop. 65

# U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island

### **U.S. EPA Label Information**

### EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION				
<u>NFPA</u>	Health Hazard 2	Flammability 4	Instability 0	Physical and Chemical Hazards
<u>HMIS</u>	Health Hazard 2*	Flammability 4	Physical Hazard 0	Personal Protection X
*Indicates a c	hronic health hazard.			
Prepared By		Chicago Aerosol		
		1300 North St		
		Coal City, IL 60416		
		1-800-572-6501		
Issuing Date		11-Jun-15		
<b>Revision Date</b>	2	11-Jun-15		
<b>Revision Note</b>	2	Initial Release.		

### **General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

# End of Safety Data Sheeet

# <u>Material Safety Data Sheet</u> Marianna Industries Inc 11222 I St Omaha NE 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY INFOTRAC (800) 457-4280

Created: 1-2012

I.	PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC SURFACE BASSU SHINE SPRAY

II. HAZARDS IDENTIFICATION

X\_ Acute \_\_\_\_X\_ Chronic \_\_\_X\_ Fire \_\_\_\_ Pressure \_\_\_\_\_ Reactive

Hazardous Identification Information:

Poisonous! Danger! May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Vapor is Harmful. Flammable! Affects central nervous system. Causes irritation to skin, eyes, and respiratory tract. May affect liver, blood, reproductive system.

**WARNING!** <u>Contents FLAMMABLE!</u> Do not spray near open flame or while smoking. Do not smoke until hair is fully dry. Avoid spraying in eyes. If eye contact occurs, rinse promptly with plenty of water. Do not store at temperatures above 120° F. KEEP OUT OF REACH OF CHILDERN. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

# III. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAMES: Flammable liquid, Ethanol, Tert-Butyl Alcohol, Denatonium Benzoate					
		SARA OSHA	ACGIH		
]	EHS NTP IARC SUB Z	2 313			
CAS No.	Chemical Name	% by Weight/We	eight		
3734-33-6	Deatonium Benzoate	< 0.1		None	None
64-17-5	Ethanol	< 50		1000 ppm	1000 ppm
75-65-0	tert-Butly alcohol	< 0.1		1000 ppm	1000 ppm
541-02-6	Decamethylcyclopenta				
556-67-2	Octamethylcyclotetrasi	loxane 20-30			
70131678	Diemethy Siloxane Hyd	droxyl Terminated 8	3-14		

# IV. FIRST AID MEASURES

<u>EYE CONTACT</u>: Liquid and vapor may cause irritation. Splashes may cause temporary pain and blurred vision. Remove Contaminated Clothing. Clean before reuse Flush immediately with cool running water for at least 15 to 20 minutes, separating eyelids with fingers. Consult a physician.

<u>SKIN CONTACT</u>: May cause irritation, cracking, flaking, and de-fatting of skin on prolonged contact. . Remove contaminated clothing. Clean before reuse. Wash with soap and water, then rinse with water. Consult a physician

<u>INHALATION</u>: May cause irritation to the mucous membranes of the upper respiratory tract. Exposure over 1000 ppm may cause headache, drowsiness, lassitude, loss of appetite, inability to concentrate, and throat irritation. Immediately remove to fresh air. If victim has stopped breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention immediately.

I<u>INGESTION:</u> Can cause depression of Central Nervous System, nausea, vomiting, diarrhea, intoxication, and in acute cases can cause death. May be harmful or fatal if swallowed. Conscious or able to swallow—Have victim drink water or milk to dilute. Never Give Anything By Mouth If Unconscious or Convulsing. Call a Physician and / or Poison Control Immediately. Induce vomiting only if advised by the Physician or Poison Control. Immediate medical attention may be necessary.

<u>CHRONIC EFFECTS OF EXPOSURE</u>: Damage may occur to heart, kidneys and liver. People with pre-existing skin disorders, eye problems, or impaired kidney or liver function bay be more susceptible to effects.

V. FIRE FIGHTING MEASURES	Page 2
FLASH POINT: 55.0 F CC	
Lower Explosive Limit: (Ethanol) 3.3%	
Upper Explosive Limit: (Ethanol) 19.0%	

<u>EXTINGUISHING MEDIA</u>: Use Dry Chemical: Alcohol Foam, Carbon Dioxide. Water may be ineffective but water should be used to keep fire-exposed container(s) cool.

<u>SPECIAL FIRE FIGHTING INSTRUCTIONS</u>: If leak / spill has not ignited, use water spray to disperse vapors and protect people attempting to stop the leak. Water spray may be used to flush spills away from exposure and to dilute spills to non-flammable mixtures. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece in pressure demand or other positive pressure mode. Water can be used to extinguish flames and cool fire-exposed containers.

<u>UNUSUAL FIRE AND EXPLOSION HAZARDS</u>: Above flashpoint, vapor –air mixtures are explosive. Vapors can flow along surfaces to ignition sources and flash back. Sealed containers may rupture when heated. Sensitive to static discharge. Alcohol flames may be difficult to see because they are virtually colorless. Combustion products include but not limited to Carbon Dioxide and Carbon Monoxide. Vaporizes easily at room temperatures. Prevent buildup of vapors.

# ACCIDENTAL RELEASE MEASURES:

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate protective equipment. Isolate hazard area. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriated container or absorb with an inert material (Vermiculite, dry sand, earth, ect.) and place in a chemical waste container. D NOT use combustible materials, such as sawdust. Do Not flush to sewer!

# VI. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

# VII. <u>.HANDLING AND STORAGE</u>

Handling: Wash thoroughly after handling. Use only in a well-ventilated area. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

**Storage:** Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area. Do not store near perchlorates, peroxides, chromic acid or nitric acid.

# VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

OTHER PROTECTION: None required under normal use

**VENTILATION**: None required under normal use

# IX PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 82C

MELTING POINT: not applicable

SOL. IN WATER: Completely

pH: not applicable

VAPOR DENSITY: not determined

FLASHPOINT: 14C

VAPOR PRESSURE: not determined

SPECIFIC GRAVITY:

EVAPORATION RATE: not determined

APPEARANCE/ODOR OF FINISHED PRODUCT: Clear gold Liquid.

# X STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

INCOMPATIBILITY: (Materials to avoid) Strong Oxidants, Silver Salts, Acid Chlorides, Alkali Metals, Metal Hydrazine, and many other substances. DECOMPOSITION/ BT PRODUCTS: Carbon Dioxide, Carbon Monoxide.

# HAZARDOUS POLYMERIZATION: None

# XI TOXICOLOGICAL INFORMATION

RTECS#: CAS# 64-17-5: KQ6300000

CAS# 7732-18-5: ZC0110000 Carcinogenicity:

CAS# 64-17-5:

ACGIH: A4 - Not Classifiable as a Human Carcinogen CAS# 7732-18-5: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**Epidemiology:** Ethanol has been shown to produce fetotoxicity in the embry o or fetus of laboratory animals. Prenatal exposure to ethanol is associated with a distinct pattern of congenital malformations that have collectively been termed the "fetal alcohol syndrome".

**Teratogenicity:** Oral, Human - woman: TDLo = 41 gm/kg (female 41 week(s) after conception) Effects on Newborn - Apgar score (human only) and Effects on Newborn - other neonatal measures or effects and Effects on Newborn - drug dependence.

**Reproductive Effects:** Intrauterine, Human - woman: TDLo = 200 mg/kg (female 5 day(s) pre-mating) Fertility - female fertility index (e.g. # females pregnant per # sperm positive females; # females pregnant per # females mated). **Neurotoxicity:** No information available.

**Mutagenicity:** DNA Inhibition: Human, Lymphocyte = 220 mmol/L.; Cytogenetic Analysis: Human, Lymphocyte = 1160 gm/L.; Cytogenetic Analysis: Human, Fibroblast = 12000 ppm.; Cytogenetic Analysis: Human, Leukocyte = 1 pph/72H (Continuous).; Sister Chromatid Exchange: Human, Lymphocyte = 500 ppm/72H (Continuous). **Other Studies:** Standard Draize Test(Skin, rabbit) = 20 mg/24H (Moderate) S tandard Draize Test: Administration into the eye (rabbit) = 500 mg (Severe).

# XII ECOLOGICAL INFORMATION

Ethanol:

Soil: Readily biodegrades, quickly evaporates, leaches into groundwater. Water: Readily biodegrades, evaporates to moderate extent. Does not bio-accumulate. Air: Readily degrades by reaction with photo-chemically produced hydroxyl radicals, readily removed by dry and wet deposition, has a half-life between 1 and 20 days/

# XIII DISPOSAL CONSIDERATIONS

<u>ACTION TO TAKE FOR SPILLS/LEAKS</u>: Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriated container or absorb with an inert material (vermiculite, dry sand, earth, etc.) and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer.

Page 3

# XIV\_TRANSPORT INFORMATION

### DOMESTIC (LAND D.O.T.)

Proper Shipping Name: Flammable N.O.S. Ethanol/ tert-butyl alcohol/ Denatonium BenzoateHazard Class: 3 (Flammable Liquid)THE SHIPPING CARTONUN / NA: UN 1993IDENTIFICATION MUST BEPacking Group: IILISTED THE SAME AS THEEmergency Response Guide # 127DESCRIPTION ON THE MSDS!!

# **INTERNATIONAL** (Water, I.M.O.)

Proper Shipping Name Flammable N.O.S. Ethanol/ tert-butyl alcohol/ Denatonium BenzoateHazard Class: 3 (Flammable Liquid)THE SHIPPING CARTONUN / NA: UN 1993IDENTIFICATION MUST BEPacking Group: IILISTED THE SAME AS THEEmergency Response Guide # 127DESCRIPTION ON THE MSDS!!

# XIV REGULATORY INFORMATION

### **US FEDERAL**

TSCA CAS# 64-17-5 is listed on the TSCA inventory. CAS# 7732-18-5 is listed on the TSCA inventory. Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List. **Chemical Test Rules** None of the chemicals in this product are under a Chemical Test Rule. Section 12b None of the chemicals are listed under TSCA Section 12b. **TSCA Significant New Use Rule** None of the chemicals in this material have a SNUR under TSCA. SARA CERCLA Hazardous Substances and corresponding RQs None of the chemicals in this material have an RQ. SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ. SARA Codes CAS # 64-17-5: acute, chronic, flammable. Section 313 No chemicals are reportable under Section 313. Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors. Clean Water Act: **Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA. **OSHA:** None of the chemicals in this product are considered highly hazardous by OSHA. STATE CAS# 64-17-5 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts. CAS# 7732-18-5 is not present on state lists from CA, PA, MN, MA, FL, or NJ. WARNING: This product contains Ethyl alcohol, a chemical known to the state of California to cause birth defects or other reproductive harm. California No Significant Risk Level: None of the chemicals in this product are listed. **European/International Regulations** European Labeling in Accordance with EC Directives Hazard Symbols: **Risk Phrases:** R 11 **Risk Phrases:** R 11 Highly flammable. Safety Phrases: S 16 Keep away from sources of ignition - No smoking. S 33 Take precautionary measures against static discharges.

S 7 Keep container tightly closed. S 9 Keep container in a well-ventilated place. WGK (Water Danger/Protection) CAS# 64-17-5: 0 CAS# 7732-18-5: No information available. Canada - DSL/NDSL CAS# 64-17-5 is listed on Canada's DSL List. CAS# 7732-18-5 is listed on Canada's DSL List This product has a WHMIS classification of B2, D2A, D2B. **Canadian Ingredient Disclosure List** CAS# 64-17-5 is listed on the Canadian Ingredient Disclosure List. Exposure Limits CAS# 64-17-5: OEL-AUSTRALIA:TWA 1000 ppm (1900 mg/m3) OEL-BELGIUM:T WA 1000 ppm (1880 mg/m3) OEL-CZECHOSLOVAKIA:TWA 1000 mg/m3;STEL 5000 mg/m3 OEL-DENMARK:TWA 1000 ppm (1900 mg/m3) OEL-FINLAND:TWA 1000 ppm (1900 mg/m3);STEL 1250 ppm (2400 mg/m3) OEL-FRANCE:TWA 1000 ppm (190 0 mg/m3);STEL 5000 pp OEL-GERMANY:TWA 1000 ppm (1900 mg/m3) OEL-HUNG ARY:TWA 1000 mg/m3;STEL 3000 mg/m3 OEL-THE NETHERLANDS:TWA 1000 ppm ( 1900 mg/m3) OEL-THE PHILIPPINES:TWA 1000 ppm (1900 mg/m3) OEL-POLAND :TWA 1000 mg/m3 OEL-RUSSIA:STEL 1000 mg/m3 OEL-SWEDEN:TWA 1000 ppm ( 1900 mg/m3) OEL-SWITZERLAND: TWA 1000 ppm (1900 mg/m3) OEL-THAILAND: T WA 1000 ppm (1900 mg/m3) OEL-TURKEY:TWA 1000 ppm (1900 mg/m3) OEL-UN ITED KINGDOM:TWA 1000 ppm (1900 mg/m3) JAN9 OEL IN BULGARIA, COLOMBIA , JORDAN, KOREA check ACGIH TLV OEL IN NEW ZEALAND, SINGAPORE, VIETNA M check ACGI TLV

# XVI OTHER INFORMATION.

# DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# <u>PRODUCT IDENTITY (as indicated on label)</u> Acai and Blueberry Lotion

### Section 1 **Company Identification** Emergency Telephone Number Distributor's Name Surface Hair CHEMTREC 800-424-9300 US Address (Number, Street, City, State, and ZIP Code) Telephone Number International (Collect Calls Accepted) 402 A 1st Ave. N CHEMTREC 703-527-3887 Date Prepared Saskatoon, SK, Canada S7K1X6 12/19/12 Section 2 Hazardous Ingredients/Identity Information Hazardous Components CAS OSHA ACGIH % by Weight PEL Number TLV [Specific Chemical Identity; Common Name(s)] The identity of the individual component of this mixture is proprietary information and regarded to be a trade secret. However, based upon the health hazard determinations of the contained ingredients present at a concentration greater than 1 percent, this mixture presents the following; HEALTH HAZARD : NONE KNOWN Section 3 Hazards Identification EMERGENCY OVERVIEW Type of Hazard : May cause respiratory tract and eye irritation. Route(s) of Entry : Inhalation; Skin Contact; Eye Contact; Ingestion. POTENTIAL HEALTH EFFECTS Inhalation : Unlikely due to physical form. Skin Contact : In rare cases, may cause skin irritation or redness. Eye Contact : May cause eye irritation. Ingestion : None Known. Chronic Effects and Medical Conditions Aggravated By Overexposure: None known. Section 4 First Aid Measures INHALATION: If vapors or fumes cause irritation, remove and expose victim to fresh air. If irritation persists seek medical attention. SKIN : Flush with copious amounts of water. If irritation persists, seek medical attention. EYES : Flush with copious amounts of water. If irritation persists, seek medical attention.

INGESTION	: Do not ingest. Seek medical attention.
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### Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: >220°F
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CO2	extinguishing agent, sand.
UNUSUAL FIRE AND EXPLOSION HA	ZARDS : None known	
SPECIAL FIRE FIGHTING PROCEDUI	RES : None known	

# <u>PRODUCT IDENTITY (as indicated on label)</u> Acai and Blueberry Lotion

# PRODUCT CODE

### Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

### Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

### Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

### Section 9 Physical and Chemical Properties

BOILING RANGE: Not Tested		VAPOR DENSITY:X_HEAVIER LIGHTER, THAN AIR (= 1)		
PERCENT VOLATILE PER WEIGHT: 0%		EVAPORATION RATE:FASTERXSLOWER, THAN ETHER		
pH : 6.0 – 7.0	WEIGHT PER GALLON: 8.3 – 8.5 (H <sub>2</sub> O=1)		SF	PECIFIC GRAVITY: 1.00 – 1.03 (H <sub>2</sub> O=1)
SOLUBILITY IN WATER: Soluble				VISCOSITY : 5,000 – 9,000

APPEARANCE : Pearly , white/off-white, viscous cream ODOR : Characteristic

# <u>PRODUCT IDENTITY (as indicated on label)</u> Acai and Blueberry Lotion

### Section 10 Stability and Reactivity

STABILITYUnstable	HAZARDOUS POLYMERIZATION May Occur		
X_Stable	X Will Not Occur		
INCOMPATIBILITY (Materials to Avoid)			
Strong oxidizers and reducing agents			
HAZARDOUS DECOMPOSITION PRO	DUCTS:		
Thermal decomposition may produce low levels of CO, CO2 and other irritating fumes.			
CONDITIONS TO AVOID:			
Extreme heat or freezing temperatures. Keep away from open flame or any source of electrical sparks.			
Section 11 Toxicologic	al Information		

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

### Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD : Waste disposal should be in accordance with existing federal, state and local governmental regulations.

### Section 14 Transport Information

Finished packaged product transported by ground (DOT): Non hazardous Finished packaged product transported by vessel (IMDG): Non hazardous Finished packaged product transported by air (IATA): Non hazardous

### Section 15 Regulatory Information

TSCA: N/A SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

Labelling according to EEC Directive: Hazard symbol – Xi, Hazard class Irritant R&S statements R 41-52/53, S 2-26-39-61

### Section 16 Other Information

### HAZARD RATING: Health 1 - Flammability 0 - Reactivity 0 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

### **REVISION DATE: original**

DISCLAIMER: This MSDS is designed to provide information and guidance in regards to the use of this product. It is not intended as all-information guideline on a worldwide hazard communication regulations. To the best of our knowledge, all sections comply with applicable, local, state and national MSDS/Hazard Communication Regulations.

This information is furnished without any guarantee. The user of this product needs to understand the conditions of use and must follow directions on the labels provided. Our Company assumes no legal responsibility as a result of misusing this product.

# <u>PRODUCT IDENTITY (as indicated on label)</u> Acai and Blueberry Body Wash

### Section 1 **Company Identification** Distributor's Name Emergency Telephone Number Surface Hair CHEMTREC 800-424-9300 US Address (Number, Street, City, State, and ZIP Code) Telephone Number International (Collect Calls Accepted) 402 A 1st Ave. N CHEMTREC 703-527-3887 Date Prepared Saskatoon, SK, Canada S7K1X6 12/19/12 Section 2 Hazardous Ingredients/Identity Information Hazardous Components CAS OSHA ACGIH % by Weight PEL Number TLV [Specific Chemical Identity; Common Name(s)] The identity of the individual component of this mixture is proprietary information and regarded to be a trade secret. However, based upon the health hazard determinations of the contained ingredients present at a concentration greater than 1 percent, this mixture presents the following; HEALTH HAZARD : NONE KNOWN Section 3 **Hazards Identification** EMERGENCY OVERVIEW Type of Hazard : May cause respiratory tract and eye irritation. Route(s) of Entry : Inhalation; Skin Contact; Eye Contact; Ingestion. POTENTIAL HEALTH EFFECTS Inhalation : Unlikely due to physical form. Skin Contact : In rare cases, may cause skin irritation or redness. Eye Contact : May cause eye irritation. Ingestion : None Known. Chronic Effects and Medical Conditions Aggravated By Overexposure: None known. Section 4 First Aid Measures INHALATION: If vapors or fumes cause irritation, remove and expose victim to fresh air. If irritation persists seek medical attention.

SKIN	: Flush with copious amounts of water. If irritation persists, seek medical attention.
EYES	: Flush with copious amounts of water. If irritation persists, seek medical attention.
INGESTION	: Do not ingest. Seek medical attention.

### Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: >220°F
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CO	2 extinguishing agent, sand.
UNUSUAL FIRE AND EXPLOSION H	AZARDS : None known	
SPECIAL FIRE FIGHTING PROCEDU	JRES : None known	

# <u>PRODUCT IDENTITY (as indicated on label)</u> Acai and Blueberry Body Wash

# PRODUCT CODE

### Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

### Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

### Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

### Section 9 Physical and Chemical Properties

BOILING RANGE: Not Tested		VAPOR DENSITY:X_HEAVIER LIGHTER, THAN AIR (= 1)		
PERCENT VOLATILE PER WEIGHT: 0%		EVAPORATION RATE:FASTERXSLOWER, THAN ETHER		
pH : 6.0 – 7.0	WEIGHT PI (H <sub>2</sub> O=1)	ER GALLON: 8.3 – 8.5 SPECIFIC GRAVITY: 1.00 – 1.03 (H <sub>2</sub> O=1)		
SOLUBILITY IN WATER:	Soluble			VISCOSITY : 5,000 – 9,000

APPEARANCE : Pearly , white/off-white, viscous cream ODOR : Characteristic

# <u>PRODUCT IDENTITY (as indicated on label)</u> Acai and Blueberry Body Wash

### Section 10 Stability and Reactivity

STABILITY Unstable	HAZARDOUS POLYMERIZATION May Occur
INCOMPATIBILITY (Materials to Avoid)	
Strong oxidizers and reducing agents	
HAZARDOUS DECOMPOSITION PROD	DUCTS:
Thermal decomposition may produce low	levels of CO, CO2 and other irritating fumes.
CONDITIONS TO AVOID:	·
Extreme heat or freezing temperatures. K	eep away from open flame or any source of electrical sparks.
Section 11 Toxicologic	al Information

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

### Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD: Waste disposal should be in accordance with existing federal, state and local governmental regulations.

### Section 14 Transport Information

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### Section 15 Regulatory Information

TSCA: N/A SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

Labelling according to EEC Directive: Hazard symbol – Xi, Hazard class Irritant R&S statements R 41-52/53, S 2-26-39-61

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### **REVISION DATE: original**

DISCLAIMER: This MSDS is designed to provide information and guidance in regards to the use of this product. It is not intended as all-information guideline on a worldwide hazard communication regulations. To the best of our knowledge, all sections comply with applicable, local, state and national MSDS/Hazard Communication Regulations.

This information is furnished without any guarantee. The user of this product needs to understand the conditions of use and must follow directions on the labels provided. Our Company assumes no legal responsibility as a result of misusing this product.

# <u>Material Safety Data Sheet</u> Marianna Industries Inc 11222 I St Omaha NE 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY INFOTRAC (800) 457-4280

Created: 08 SEP 17

# I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: Char Blow Dry Cream

CHEMICAL NAME: N/A

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

# CHEMICAL FORMULA: G090717RB(05)\_KMJ

# II. HAZARDS IDENTIFICATION

Primary route of exposure :. Skin and eyes contact.
Symptoms relating to use
-- Skin contact : Repeated exposure may cause sensitization due to an allergic reaction of the skin.

-- Skin contact : Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

- Eye contact : Redness, pain. Blurred vision. Burning sensation.

- Ingestion : Abdominal pain, nausea.

# III. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Components :			Preparation.			
Substance name Blend of Polymers	Contents <8	CAS No	EC No	Annex No	Classification	

# IV. FIRST AID MEASURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are

held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

### INHALATION: N/A

**INGESTION**: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

**OTHER HEALTH EFFECTS: N/A** 

# V. FIRE FIGHTING MEASURES

**PYROPHORIC**: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

**FIRE FIGHTING INSTRUCTIONS:** Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

### VI. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

# VII. <u>HANDLING AND STORAGE</u>

Stable under normal conditions.

# VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION**: None required under normal use

**OTHER PROTECTION**: None required under normal use

VENTILATION: None required under normal use

# IX PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 220° F FLASH POINT: N/A

MELTING POINT: N/A VAPOR DENSITY: N/A

SOL. IN WATER: semi soluble

pH: 4.75-8.00

EVAPORATION RATE: N/A

SPECIFIC GRAVITY: 0.955-1.020@ 22° C

APPEARANCE/ODOR: Thick Gray Paste, Pleasant Fragrance

STABILITY: Normally stable

**INCOMPATIBILITY: N/A** 

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

XI TOXICOLOGICAL INFORMATION

None available

XII ECOLOGICAL INFORMATION

Ecological effects information : No data available..

### XIII DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

# XIV TRANSPORT INFORMATION

General Shipping. No known Hazards

# XIV REGULATORY INFORMATION\_

General No known Hazards

# XVI OTHER INFORMATION.

# DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# SAFETY DATA SHEET (SDS)

NAME OF PRODUCT: Charcoal Conditioner

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Charcoal Conditioner Bulk Number: G083017CC(R02)\_KLL

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Conditioner for softening Hair. PREPARED BY: Katelin lusch DATE PREPARED: 30AUG17

SECTION 1 NOTES:

### **SECTION 2: HAZARDS IDENTIFICATION**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.\*

### EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Skin and eyes contact.

### POTENTIAL HEALTH EFFECTS

**EYES:** Redness, pain. Blurred vision. Burning sensation.

**SKIN:** Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u> Non-hazardous ingredients need not be listed. This product is a proprietary blend of quaternary ammomium surfactants, non-ionic emulsifiers, oils and Fatty Alcohols and does not contain any hazardous substances as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

NAME OF PRODUCT: Charcoal Conditioner

SECTION 4 NOTES: N/A

### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

### SECTION 6: ACCIDENTAL RELEASE MEASURES

# ACCIDENTAL RELEASE MEASURES: Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking. Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 6 NOTES: N/A

### SECTION 7: HANDLING AND STORAGE

### HANDLING AND STORAGE:

Stable under normal conditions.

SECTION 7 NOTES: N/A

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

NAME OF PRODUCT: Charcoal Conditioner

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Grey cream

**ODOR:** Pleasant

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 3.00-6.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 0.947-0.997

SOLUBILITY IN WATER: Complete

**MOLECULAR WEIGHT: VISCOSITY:** 50,000 - 400,000

SECTION 9 NOTES: N/A

SECTION 10: STABILITY AND REACTIVIT	Y
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STABLE

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** 

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available ...

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Conditioner

NAME OF PRODUCT: Charcoal Conditioner

#### WATER TRANSPORTATION PROPER SHIPPING NAME: Conditioner

AIR TRANSPORTATION PROPER SHIPPING NAME: Conditioner

SECTION 14 NOTES: N/A

:

SECTION 15: REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS** 

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

#### SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

#### PREPARATION INFORMATION:

#### DISCLAIMER:

The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

# **SAFETY DATA SHEET**

Issuing Date	8-30-18	<b>Revision Date</b>	2014-10-14	<b>Revision Number</b>	0
1. IDE	NTIFICATION	OF THE SUBSTANCE	E/PREPARATION AI	ND COMPANY/UNDERT	AKING
<u>GHS Product Identifier</u>					
Product Name:	Mousse				
Other means of Identific	ation				
Synonyms: none					
Recommended use of th	e chemical and	restrictions on use			
Recommended Use:	No informa	tion available			
Uses advised against:	No informa	tion available			
Supplier's Details					
Supplier	Address				
Chicago /	Aerosol				
1300 Noi	rth St.				
Coal City	, IL 60416				
Tel: 815-	634-5100				
Emergency telephone nu	umber_				
Emergency Telephone	1-866-634-	5100			
Number	Chemtrec 1	-800-424-9300			
		2. HAZAF	RD IDENTIFICATION	l	

## **Classification**

Serious Eye Damage/Eye Irritation	Category 2A	
Carcinogenicity	Category 2	
Specific Target Organ Systemic toxicity (Single Exposure)	Category 3	
Simple Asphyxiant	Yes	
Flammable Aerosols	Category 1	
Gases Under Pressure		

# **GHS label elements, including precautionary statements**

#### **EMERGENCY OVERVIEW**

Signal	V	Vo	rd	
		-		

Danger

#### Hazard Statements

- Causes serious eye irritation
- May cause respiratory irritation
- May cause drowsiness or dizziness
- Extremely flammable aerosol



# **Precautionary Statements**

#### Prevention

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Wash face, hands and any exposed skin thoroughly after handling.
- Wear eye/face protection.
- Avoid breating dust/fune/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Keep away from heat/sparks/open flames/hot surfaces No smoking.
- Do not spray on an open flam or other ignition source.
- Pressurized container: Do no pierce or burn, even after use.

#### **General Advice**

• If exposed or concerned: Get medical attention/advice

#### Eyes

• IF IN EYES: Rinse cautionsly with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

• If eye irritation persists: Get medical advice/attention.

#### Inhalation

• IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### Storage

- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F

#### Disposal

• Dispose of contents/container to an approved waste disposal plant.

#### Hazzard Not Otherwise Classifed (HNOC)

Rapid evaporation of the liquid may cause frostbite.

#### **Other information**

May be harmful if inhaled. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Chemical Name CAS-No Weight % Trade Secret			
	CA3-N0	vveight //	
Isobutane	75-28-5	< 6	*
Hydrofluorocarbon 152a	75-37-6	< 5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

	4. FIRST AID MEASURES		
Description of necessary first-aid measur	<u>'es</u>		
Eye ContactRinse immediately with plenty of water, also under the eyelids, for at least 15 minmedical attention immediately if irritation persists.			
Skin Contact	Wash off with warm water and soap. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Get medical attention if symptoms occur.		
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical		
Ingestion	Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Neve give anything by mouth to an unconscious person. Get medical attention.		
Most important symptoms/effects, acut	e and delayed		
Most Important Symptoms/Effects	Eye irritation/reactions. Frostbite. Drowsiness. Dizziness. Simple asphyxiant.		
Indication of immediate medical attention	on and special treatment needed, if necessary		
Notes to Physician Treat symptomatically.			
	5. FIRE-FIGHTING MEASURES		
Suitable Extinguishing Media			
Carbon dioxide (CO 2 ). Dry chemical. Alco	phol-resistant foam. Water fog.		
Unsuitable Extinguishing Media No information available.			
Specific Hazards Arising from the Chemic No information available.	al		
Hazardous Combustion Products	Thermal decomposition can lead to release of irritating and		
	toxic gases and vapors: Carbon oxides. Nitrogen oxides (NOx).		
Explosion Data			
Sensitivity to Mechanical Impact Yes			
Sensitivity to Static Disch			
Protective Equipment and Precautions for	or Firefighters		
As in any fire, wear self-contained breath	ing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.		
	6. ACCIDENTAL RELEASE MEASURES		

#### Personal precautions, protective equipment and emergency procedures

Personal Precautions	Contents under pressure. Remove all sources of ignition. Do not puncture or incinerate cans. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material
Environmental Precautions	
Environmental Precautions	See Section 12 for additional Ecological Information.

#### Methods and materials for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Pick up and transfer to properly labeled containers. Cover liquid spill with sand, earth or other noncombustible absorbent material. Clean contaminated surface thoroughly.

#### 7. HANDLING AND STORAGE

#### **Precautions for safe handling**

HandlingContents under pressure. Keep away from open flames, hot surfaces and sources of ignition.Avoid contact with skin, eyes and clothing.

# Conditions for safe storage, including any incompatibilitiesStorageStore in a cool, dry area away from potential sources of heat, open flames, sunlight or other

Incompatible Products

Strong oxidizing agents.

chemicals.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Control parameters**

#### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH

Appropriate engineering	controls			
Engineering Measures		Showers Eyewash stations Ventilation systems		
Individual protection mea	sures, such as pe	rsonal protective equipment		
Eye/Face Protection		No protective equipment is needed under normal use conditions. Risk of contact, wear: Safety glasses with side-shields.		
Skin and Body Protection		No protective equipment is needed under normal use conditions. Lightweight protective clothing. Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.		
Respiratory Protection		No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.		
Hygiene Measures		Handle in accordance with good industrial hygiene and safety practice.		
		9. PHYSICAL AND CHEMICAL PROPERTIES		
Information on basic physical and chemical properties				
Physical State	Aerosol	Appearance Clear		

Physical State	Aerosol	Appearance

#### WPS-CHI-011

Odor	Fragranced	Odor Threshold	No information available
Property		<u>Values</u>	Remarks/ - Method
рН		No data available	Enter here
Melting Point/Range		No data available	Enter here
Boiling Point/Boiling Rang	ge	NE	for concentrate
Flash Point		NE	
Evaporation rate		>1	Enter here
Flammability (solid, gas)		No data available	Enter here
Flammability Limits in Air		No data available	Enter here
upper flammabi	lity limit	No data available	Enter here
lower flammabi	lity limit	No data available	Enter here
Vapor Pressure		45-55 psig @ 70 F	Enter here
Vapor Density		No data available	Enter here
Specific Gravity		1.01	water = 1
Water Solubility		No data available	Enter here
Solubility in other solvent	S	No data available	Enter here
Partition coefficient: n-oc	tanol/water	No data available	Enter here
Autoignition Temperature	e	No data available	Enter here
<b>Decomposition Temperat</b>	ure	No data available	Enter here
Viscosity		No data available	Enter here
Flammable Properties		Not Flammable	Enter here
<b>Explosive Properties</b>		No data available	Enter here
<b>Oxidizing Properties</b>		No data available	Enter here
Other information			

#### **Other information**

VOC Content (%)

## 6%

# **10. STABILITY AND REACTIVITY**

#### **Reactivity**

Not reactive under normal conditions.

#### **Chemical stability**

Stable under recommended storage conditions.

#### Possibility of hazardous reactions

None under normal processing.

# Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials Strong oxidizing agents

# Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx).

# **11. TOXICOLOGICAL INFORMATION**

# Information on likely routes of exposure

# **Product Information**

Inhalation	May cause irritation of respiratory tract. May cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and inhaling contents may be
Eye Contact	Contact with eyes may cause serious eye irritation based on the components present within the product.
Skin Contact	Contact with product may cause frostbite.
Ingestion	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
		-	

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Eye contact with liquid may cause irritation including stinging, burning, tearing, or reddening of the eyes. Avoid skin contact with leaking liquid (danger of frostbite).

#### Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	

Chemical Name	ACGIH	IARC	NTP	OSHA
Reproductive Toxicity	No information	available.		
STOT - single exposure	May cause resp	iratory irritation. May caus	e drowsiness or dizziness.	
STOT - repeated exposure	No information available.			
Aspiration Hazard	No information available.			
Numerical measures of toxicity -	Product			
The following values are calculate	d based on chapter 3.1 of t	he GHS document:		
LD50 Oral	· · · · · · · · · · · · · · · · · · ·			
LD50 Dermal				
nhalation				
Vapor				

#### **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)

Persistence and Degradability

No information available.

**Bioaccumulation** 

No information available.

Chemical Name	Log Pow

## **Other Adverse Effects**

No information available.

#### **13. DISPOSAL CONSIDERATIONS**

Waste Disposal Methods

Dispose of in accordance with federal, state, and local regulations.

**Contaminated Packaging** 

Do not re-use empty containers.

#### **14. TRANSPORT INFORMATION**

DOT	
Proper shipping name	Consumer commodity
Hazard Class	ORM-D
Description	Consumer commodity, ORM-D
Emergency Response Guide	126
Number	
TDG	
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Description	UN1950, Aerosols, 2.1
MEX	
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Description	UN1950, Aerosols, 2.1
ICAO	
UN-Number	ID8000
Proper Shipping Name	Consumer commodity

Hazard Class	9
Description	ID8000, Consumer commodity, 9
ΙΑΤΑ	
UN-Number	ID8000
Proper Shipping Name	Consumer commodity
Hazard Class	9
ERG Code	9L
Description	ID8000, Consumer commodity, 9
IMDG/IMO	
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
EmS No.	F-D, S-U
Description	UN1950, Aerosols, 2.1 (18.3°C o.c.)

#### **15. REGULATORY INFORMATION**

#### **International Inventories**

TSCA DSL All components of this product are either listed or are exempt on the TSCA inventory. Substances comply or are exempt

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### **U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %

#### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

#### **Clean Water Act**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances

#### **CERCLA**

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ

#### U.S. State Regulations

**California Proposition 65** 

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	CAS-No	California Prop. 65

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island

#### **U.S. EPA Label Information**

#### EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION				
<u>NFPA</u>	Health Hazard 2	Flammability 4	Instability 0	Physical and Chemical Hazards
<u>HMIS</u>	Health Hazard 2*	Flammability 4	Physical Hazard 0	Personal Protection X
*Indicates a c	hronic health hazard.			
Prepared By		Chicago Aerosol		
		1300 North St		
		Coal City, IL 60416		
		1-800-572-6501		
Issuing Date		11-Jun-15		
<b>Revision Date</b>	2	11-Jun-15		
<b>Revision Note</b>	e	Initial Release.		

#### **General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

#### End of Safety Data Sheeet

# **SAFETY DATA SHEET**

Issuing Date	8-30-18	<b>Revision Date</b>	2014-10-14	<b>Revision Number</b>	0
1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING					
<b>GHS Product Identifier</b>					
Product Name:	Surface Ha	air Spray			
Other means of Identif	ication				
Synonyms: none					
Recommended use of t	he chemical and	restrictions on use			
Recommended Use:	No inform	ation available			
Uses advised against:	No inform	ation available			
Supplier's Details					
Supplie	r Address				
Chicago	Aerosol				
1300 No	orth St.				
Coal Cit	y, IL 60416				
Tel: 815	634-5100				
Emergency telephone number					
Emergency Telephone	1-866-634	-5100			
Number	Chemtrec	1-800-424-9300			
		2. HAZAF		1	

# **Classification**

Serious Eye Damage/Eye Irritation	Category 2A	
Carcinogenicity	Category 2	
Specific Target Organ Systemic toxicity (Single Exposure)	Category 3	
Simple Asphyxiant	Yes	
Flammable Aerosols	Category 1	
Gases Under Pressure		

# **GHS label elements, including precautionary statements**

#### **EMERGENCY OVERVIEW**

Signal Word	Danger
Hazard Statements	
Causes serious eye	e irritation
Suspected of causi	ing cancer
May cause respira	tory irritation
May cause drowsi	ness or dizziness
• Extremely flamma	ble aerosol



# **Precautionary Statements**

#### Prevention

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Wash face, hands and any exposed skin thoroughly after handling.
- Wear eye/face protection.
- Avoid breating dust/fune/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Keep away from heat/sparks/open flames/hot surfaces No smoking.
- Do not spray on an open flam or other ignition source.
- Pressurized container: Do no pierce or burn, even after use.

#### **General Advice**

• If exposed or concerned: Get medical attention/advice

#### Eyes

• IF IN EYES: Rinse cautionsly with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

• If eye irritation persists: Get medical advice/attention.

#### Inhalation

• IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### Storage

- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F

#### Disposal

• Dispose of contents/container to an approved waste disposal plant.

# Hazzard Not Otherwise Classifed (HNOC)

Rapid evaporation of the liquid may cause frostbite.

#### **Other information**

May be harmful if inhaled. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Chemical Name	CAS-No	Weight %	Trade Secret
Ethyl Alcohol	64-17-5	< 55	*
1,1-Difluoroethane	75-37-6	< 45	*
2-Amino-2-Methyl-1-propanol	124-68-5	< 1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

	4. FIRST AID MEASURES		
Description of necessary first-aid measur	<u>'es</u>		
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.		
Skin Contact	Wash off with warm water and soap. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Get medical attention if symptoms occur.		
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical		
Ingestion	Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.		
Most important symptoms/effects, acut	e and delayed		
Most Important Symptoms/Effects	Eye irritation/reactions. Frostbite. Drowsiness. Dizziness. Simple asphyxiant.		
Indication of immediate medical attention	on and special treatment needed, if necessary		
Notes to Physician Treat sympt	omatically.		
	5. FIRE-FIGHTING MEASURES		
Suitable Extinguishing Media			
Carbon dioxide (CO 2 ). Dry chemical. Alco	phol-resistant foam. Water fog.		
Unsuitable Extinguishing Media	No information available.		
Specific Hazards Arising from the Chemic No information available.	al		
Hazardous Combustion Products	Thermal decomposition can lead to release of irritating and		
	toxic gases and vapors: Carbon oxides. Nitrogen oxides (NOx).		
Explosion Data			
Sensitivity to Mechanical	•		
Sensitivity to Static Disch			
Protective Equipment and Precautions for	or Firefighters		
As in any fire, wear self-contained breath	ing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.		
	6. ACCIDENTAL RELEASE MEASURES		

#### Personal precautions, protective equipment and emergency procedures

Personal Precautions	Contents under pressure. Remove all sources of ignition. Do not puncture or incinerate cans. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material
Environmental Precautions	
Environmental Precautions	See Section 12 for additional Ecological Information.

#### Methods and materials for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Pick up and transfer to properly labeled containers. Cover liquid spill with sand, earth or other noncombustible absorbent material. Clean contaminated surface thoroughly.

#### 7. HANDLING AND STORAGE

#### **Precautions for safe handling**

Handling	Contents under pressure. Keep away from open flames, hot surfaces and sources of ignition.
	Avoid contact with skin, eyes and clothing.

# Conditions for safe storage, including any incompatibilitiesStorageStore in a cool, dry area away from potential sources of heat, open flames, sunlight or other

Incompatible Products Strong oxidiz

Strong oxidizing agents.

chemicals.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Control parameters**

#### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol	TWA: 1000 ppm	TWA: 1000 ppm	TWA: 1000 ppm
Ethyl Alcohol 64-17-5			

Appropriate engineering	controls			
Engineering Measures		Showers Eyewash stations Ventilation systems		
Individual protection mea	asures, such as pe	rsonal protective equipment		
Eye/Face Protection		No protective equipment is needed under normal use conditions. Risk of contact, wear: Safet glasses with side-shields.		
Skin and Body Protection		No protective equipment is needed under normal use conditions. Lightweight protective clothing. Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.		
Respiratory Protection		No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.		
Hygiene Measures		Handle in accordance with good industrial hygiene and safety practice.		
		9. PHYSICAL AND CHEMICAL PROPERTIES		
Information on basic phy	sical and chemica	l properties		
Physical State	Aerosol	Appearance Clear		

Physical State	Aerosol	Appearance

#### WPS-CHI-011

Odor	Fragranced	Odor Threshold	No information available
Property		<u>Values</u>	<u>Remarks/ - Method</u>
рН		No data available	Enter here
Melting Point/Range		No data available	Enter here
Boiling Point/Boiling Rang	ge	79.4 ºC / 175 ºF	for concentrate
Flash Point		18.3C/ 65F	Open cup ( for pure ethanol)
Evaporation rate		>1	Enter here
Flammability (solid, gas)		No data available	Enter here
Flammability Limits in Air		No data available	Enter here
upper flammab	ility limit	No data available	Enter here
lower flammabi	lity limit	No data available	Enter here
Vapor Pressure		45-55 psig @ 70 F	Enter here
Vapor Density		No data available	Enter here
Specific Gravity		0.81	water = 1
Water Solubility		No data available	Enter here
Solubility in other solvent	S	No data available	Enter here
Partition coefficient: n-oc	tanol/water	No data available	Enter here
Autoignition Temperature	e	No data available	Enter here
Decomposition Temperat	ure	No data available	Enter here
Viscosity		No data available	Enter here
Flammable Properties		Not Flammable	Enter here
<b>Explosive Properties</b>		No data available	Enter here
<b>Oxidizing Properties</b>		No data available	Enter here
Other information			

#### **Other information**

VOC Content (%)

55%

# **10. STABILITY AND REACTIVITY**

#### **Reactivity**

Not reactive under normal conditions.

#### **Chemical stability**

Stable under recommended storage conditions.

## Possibility of hazardous reactions

None under normal processing.

#### Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials Strong oxidizing agents

# Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx).

# **11. TOXICOLOGICAL INFORMATION**

# Information on likely routes of exposure

# **Product Information**

Inhalation	May cause irritation of respiratory tract. May cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and inhaling contents may be
Eye Contact	Contact with eyes may cause serious eye irritation based on the components present within the product.
Skin Contact	Contact with product may cause frostbite.
Ingestion	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl Alcohol	7060 mg/kg (Rat)	-	124.7 mg/L ( Rat) 4 h

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Eye contact with liquid may cause irritation including stinging, burning, tearing, or reddening of the eyes. Avoid skin contact with leaking liquid (danger of frostbite).

#### Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization Mutagenic Effects	No information available. No information available.
Carcinogenicity	Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage. Vinyl acetate is identified by IARC and ACGIH as a potential carcinogen based on data in animal studies. Lifetime exposure to high vapor concentrations (600 ppm) of Vinyl acetate caused malignant and benign tumors of the respiratory tract of rats, but not in mice: this response possibly being associated with the irritant effect. Vinyl acetate has been tested for carcinogenic potential in rats in two separate drinking water studies. In one study, in which animals were exposed to concentrations up to 0.5% in water, there was no evidence of carcinogenicity. In the second study, conducted at higher concentrations (up to 1% in water), evidence of cancer in the stomach and oral cavities was observed. There is no
	evidence that vinyl acetate causes cancer in humans.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethyl Alcohol	A3	Group 1	Known	Х

Reproductive Toxicity STOT - single exposure STOT - repeated exposure Aspiration Hazard No information available. May cause respiratory irritation. May cause drowsiness or dizziness. No information available. No information available.

#### Numerical measures of toxicity - Product

The following values are calculated based on chapter 3.1 of the GHS document:			
LD50 Oral 8538 mg/kg; Acute toxicity estimate			
LD50 Dermal 23700 mg/kg; Acute toxicity estimate			
Inhalation	mg/L; Acute toxicity estimate		
Vapor	134.2 mg/L; Acute toxicity estimate		

#### **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemica	l Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethyl A	lcohol		LC50 96 h: 12.0-16.0mL/L	EC50=34634 mg?L 30 min	LC50 48h: 9268-14221
					mg/L

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Log Pow
Ethyl alcohol	-0.32

#### **Other Adverse Effects**

No information available.

#### **13. DISPOSAL CONSIDERATIONS**

Waste Disposal Methods

Dispose of in accordance with federal, state, and local regulations.

**Contaminated Packaging** 

Do not re-use empty containers.

#### **14. TRANSPORT INFORMATION**

DOT	
Proper shipping name	Consumer commodity
Hazard Class	ORM-D
Description	Consumer commodity, ORM-D
Emergency Response Guide	126
Number	
TDG	
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Description	UN1950, Aerosols, 2.1
MEX	
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Description	UN1950, Aerosols, 2.1
ICAO	
UN-Number	ID8000
Proper Shipping Name	Consumer commodity

Hazard Class	9
Description	ID8000, Consumer commodity, 9
ΙΑΤΑ	
UN-Number	ID8000
Proper Shipping Name	Consumer commodity
Hazard Class	9
ERG Code	9L
Description	ID8000, Consumer commodity, 9, LTD QTY
IMDG/IMO	
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
EmS No.	F-D, S-U
Description	UN1950, Aerosols, 2.1 (18.3°C o.c.)

#### **15. REGULATORY INFORMATION**

#### **International Inventories**

TSCA DSL All components of this product are either listed or are exempt on the TSCA inventory. Substances comply or are exempt

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### **U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

#### **Clean Water Act**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances

#### **CERCLA**

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ

#### U.S. State Regulations

**California Proposition 65** 

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	CAS-No	California Prop. 65
Ethyl alcohol	64-17-5	Developmental

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Ethyl alcohol	Х	Х	Х	-	
1,1-Difluoroethane	Х	Х			

#### **U.S. EPA Label Information**

#### EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION				
<u>NFPA</u>	Health Hazard 2	Flammability 4	Instability 0	Physical and Chemical Hazards
<u>HMIS</u>	Health Hazard 2*	Flammability 4	Physical Hazard 0	Personal Protection X
*Indicates a	chronic health hazard.			
Prepared By	,	Chicago Aerosol		
		1300 North St		
		Coal City, IL 60416		
		1-800-572-6501		
Issuing Date		09-Jun-15		
Revision Dat	te	09-Jun-15		
Revision No	te	Initial Release.		

#### **General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

#### End of Safety Data Sheeet

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Charcoal Shampoo Bulk Number: GHC020617TSS-AIM

MANUFACTURER: Marianna Industries Inc. ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211

CHEMICAL FAMILY: Surfactant.

PRODUCT USE: Shampoo to clean hair. PREPARED BY: Kajsa Jackson DATE PREPARED: 15AUG17

#### SECTION 1 NOTES:

#### **SECTION 2: HAZARDS IDENTIFICATION**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.\*

EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

EYES: Redness, pain. Blurred vision. Burning sensation.

**SKIN:** Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u> Non-hazardous ingredients need not be listed. A proprietary blend of surfactants and other ingredients and does not contain any hazardous substances as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

NAME OF PRODUCT: Charcoal Shampoo

INHALATION: N/A

**SECTION 4 NOTES:** 

#### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

**SECTION 5 NOTES:** 

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking. Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

#### **SECTION 6 NOTES:**

#### SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

#### SECTION 7 NOTES:

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

DCN: LBR SDS

NAME OF PRODUCT: Charcoal Shampoo

SKIN PROTECTION: None required under normal use

#### OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

**SECTION 8 NOTES:** 

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Dary Gray

**ODOR:** Pleasant

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 4.00-7.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 1.000-1.050

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: 7000-70000 @22C

SECTION 9 NOTES:

#### SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

**SECTION 10 NOTES:** 

SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** 

**SECTION 11 NOTES: None available** 

#### SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available ...

**SECTION 12 NOTES:** 

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations PAGE 3 OF 5

NAME OF PRODUCT: Charcoal Shampoo

#### RCRA HAZARD CLASS:

SECTION 13 NOTES:

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Shampoo

:

WATER TRANSPORTATION PROPER SHIPPING NAME: Shampoo

AIR TRANSPORTATION PROPER SHIPPING NAME: Shampoo

**SECTION 14 NOTES:** 

#### SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

**PREPARATION INFORMATION:** 

#### DISCLAIMER:

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation,

# SAFETY DATA SHEET (SDS) NAME OF PRODUCT: Charcoal Shampoo

handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

NAME OF PRODUCT: Charcoal Shave Cream

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Charcoal Shave Cream Bulk Number: G082817CSC\_KMJ

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Shaving Cream PREPARED BY: Kajsa Jackson DATE PREPARED: 28AUG17

SECTION 1 NOTES:

#### **SECTION 2: HAZARDS IDENTIFICATION**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.\*

#### **EMERGENCY OVERVIEW:**

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Redness, pain. Blurred vision. Burning sensation.

SKIN: Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u> Non-hazardous ingredients need not be listed. This product is a proprietary blend of quaternary ammomium surfactants, non-ionic emulsifiers, oils and Fatty Alcohols and does not contain any hazardous substances as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

NAME OF PRODUCT: Charcoal Shave Cream

SECTION 4 NOTES: N/A

#### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

# ACCIDENTAL RELEASE MEASURES: Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking. Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 6 NOTES: N/A

#### SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

SECTION 7 NOTES: N/A

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

NAME OF PRODUCT: Charcoal Shave Cream

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Grey Cream

**ODOR:** Pleasant

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 4.00-7.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 0.940-0.990

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: 50,000 – 400,000cps

SECTION 9 NOTES: N/A

SECTION	10:	STABILITY	AND REACTIVITY	

STABLE

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available ...

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Conditioner

NAME OF PRODUCT: Charcoal Shave Cream

#### WATER TRANSPORTATION PROPER SHIPPING NAME: Conditioner

AIR TRANSPORTATION PROPER SHIPPING NAME: Conditioner

SECTION 14 NOTES: N/A

:

#### SECTION 15: REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS** 

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

#### SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

#### PREPARATION INFORMATION:

#### DISCLAIMER:

The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

NAME OF PRODUCT: Charcoal Skin Relief Cream

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Charcoal Skin Relief Cream Bulk Number: G082817CSRC(R02)\_KLL

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Lotion to moisturize skin PREPARED BY: Katelin Lusch DATE PREPARED: 28AUG17

SECTION 1 NOTES:

#### **SECTION 2: HAZARDS IDENTIFICATION**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.\*

#### EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Redness, pain. Blurred vision. Burning sensation.

**SKIN:** Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u> Non-hazardous ingredients need not be listed. This product is a proprietary blend of quaternary ammomium surfactants, non-ionic emulsifiers, oils and Fatty Alcohols and does not contain any hazardous substances as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

SECTION 4 NOTES: N/A

#### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### ACCIDENTAL RELEASE MEASURES: Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking. Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 6 NOTES: N/A

#### SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

SECTION 7 NOTES: N/A

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

NAME OF PRODUCT: Charcoal Skin Relief Cream

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Creamy Grey

**ODOR:** Pleasant

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 2.00-5.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 0.947-0.997

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: 160,000-580, 000 @22C

SECTION 9 NOTES: N/A

SECTION 10: STABILITY AND	REACTIVITY

<u>STABLE</u>

**UNSTABLE** 

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available ...

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Conditioner NAME OF PRODUCT: Charcoal Skin Relief Cream

#### WATER TRANSPORTATION PROPER SHIPPING NAME: Conditioner

AIR TRANSPORTATION PROPER SHIPPING NAME: Conditioner

SECTION 14 NOTES: N/A

:

**SECTION 15: REGULATORY INFORMATION** 

**U.S. FEDERAL REGULATIONS** 

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

#### SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

#### PREPARATION INFORMATION:

#### DISCLAIMER:

The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

NAME OF PRODUCT: CharcoalSkin Relief Soap (Olive)

PRODUCT NAME: Charcoal Skin Relief Soap (Olive) Bulk Number: G090617CSRS(Olive)\_KMJ

MANUFACTURER: Marianna Industries Inc. ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211

CHEMICAL FAMILY: Surfactant.

PRODUCT USE: Facial Cleanser. PREPARED BY: Kajsa Jackson DATE PREPARED: 07AUG17

#### **SECTION 1 NOTES:**

#### SECTION 2: HAZARDS IDENTIFICATION

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.\*

#### EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

EYES: Redness, pain. Blurred vision. Burning sensation.

SKIN: Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u> Non-hazardous ingredients need not be listed. A proprietary blend of surfactants and other ingredients and does not contain any hazardous substances as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

NAME OF PRODUCT: CharcoalSkin Relief Soap (Olive)

SECTION 4 NOTES:

#### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

**SECTION 5 NOTES:** 

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### ACCIDENTAL RELEASE MEASURES:

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

#### **SECTION 6 NOTES:**

#### SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

SECTION 7 NOTES:

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES:

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Dark Gray

**ODOR:** Pleasant

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 4.00-7.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 0.996-1.018

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: 2000-60000 @22C

SECTION 9 NOTES:

<u>STABLE</u>

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available..

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES:

NAME OF PRODUCT: CharcoalSkin Relief Soap (Olive)

#### U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Shampoo

WATER TRANSPORTATION PROPER SHIPPING NAME: Shampoo

AIR TRANSPORTATION PROPER SHIPPING NAME: Shampoo

**SECTION 14 NOTES:** 

:

**SECTION 15: REGULATORY INFORMATION** 

U.S. FEDERAL REGULATIONS

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES:

#### SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

#### DISCLAIMER:

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# <u>Material Safety Data Sheet</u> Marianna Industries Inc 11222 I St Omaha NE 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY INFOTRAC (800) 457-4280

Created: 9-2013

I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC SURFACE CURL COND 2013

CHEMICAL NAME: N/A

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA:

# II. HAZARDS IDENTIFICATION

Primary route of exposure :. Skin and eyes contact.

Symptoms relating to use

-- Skin contact : Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

- Eye contact : Redness, pain. Blurred vision. Burning sensation.

- Ingestion : Abdominal pain, nausea.

# III. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Components :			Prep	aration.	
Substance name Blend of Fatty alcohols	Contents <8	CAS No	EC No	Annex No	Classification

# IV. FIRST AID MEASURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are

held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

## INHALATION: N/A

**INGESTION**: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

**OTHER HEALTH EFFECTS: N/A** 

# V. FIRE FIGHTING MEASURES

**PYROPHORIC**: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

**FIRE FIGHTING INSTRUCTIONS:** Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

# VI. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

# VII. <u>HANDLING AND STORAGE</u>

Stable under normal conditions.

# VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

**EYE PROTECTION:** None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

OTHER PROTECTION: None required under normal use

**VENTILATION**: None required under normal use

# IX PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 220° F FLASH POINT: N/A

MELTING POINT: N/A VAPOR DENSITY: N/A

SOL. IN WATER: semi soluble SPECIFIC GRAVITY: 0.970-0.990@ 22° C

EVAPORATION RATE: N/A

pH: 3.75-7.00

APPEARANCE/ODOR: Thick liquid to paste, pleasant fragrance.

**STABILITY**: Normally stable

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

XI TOXICOLOGICAL INFORMATION

None available

XII ECOLOGICAL INFORMATION

Ecological effects information : No data available ..

# XIII DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

# XIV\_TRANSPORT INFORMATION\_

General Shipping. No known Hazards

# XIV REGULATORY INFORMATION

General No known Hazards

# XVI OTHER INFORMATION.

# DISCLAIMER

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# **CURL CREAM**

Revision

Revision Date:

Original 2014-03-24

# Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

No significant hazards

- Product Name:Surface Hair Curl CreamDescription:Styling Cream for hair
- Manufacturer: Liquid Technologies, Inc 14425 Yorba Avenue Chino, CA 91710

Telephone

Fax

# 800-424-9300 CHEMTREC US 703-527-3887 CHEMTREC INTERNATIONAL COLLECT CALLS ACCEPTED

Section 2. HAZARDS IDENTIFICATION

Main Hazards

# Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

				Symbols/Risk
	Conc.	CAS	EINECS	Phases
Aqua	85 - 95%	7732-18-5	231-791-5	
Polyacrylamide	1.0 - 3.0%	9003-05-8	n/a	
Hydroxyethylcellulose	1.0 - 3.0%	9004-62-0	n/a	
Polyacrylate-14	0.3 - 1.0%	n/a	n/a	
C13-14 Isoparaffin	0.3 - 1.0%	64742-47-8	n/a	
PEG-6 Caprylic/Capric Triglycerides	0.3 - 1.0%	n/a	n/a	
Polysorbate 20	0.3 - 1.0%	9005-64-5	n/a	
Phenoxyethanol	0.3 - 1.0%	122-99-6	204-589-7	Xn, R22-36, S2(26)
Cetearyl Alcohol	0.3 - 1.0%	67762-27-0/8005-44-5	269-008-6	
PEG-20 Almond Glycerides	0.1 - 0.3%	124046-50-0	n/a	
Parfum	0.1 - 0.3%	n/a	n/a	
Caprylyl Glycol	0.1 - 0.3%	1117-86-8	214-254-7	
Methyl Gluceth-20	0.1 - 0.3%	68239-42-9	n/a	
PPG-5 Ceteth-20	0.1 - 0.3%	37311-01-6	n/a	
Polysorbate 60	0.1 - 0.3%	9005-67-8	n/a	
Silicone Quaternium-16	0.1 - 0.3%	n/a	n/a	
Laureth-7	0.1 - 0.3%	3005-97-8	221-283-9	
Panthenol	0.1 - 0.3%	16485-10-2	240-540-6	
Ethylhexylglycerin	0.1 - 0.3%	70445-33-9	n/a	
Hexylene Glycol	0.1 - 0.3%	107-41-5	203-489-0	
Theobroma Cacao (Cocoa) Seed Butter	<0.1%	8002-31-1	n/a	
Undeceth-11	<0.1%	34398-01-1	n/a	
Butyloctanol	<0.1%	3913-02-8	223-470-0	
Undeceth-5	<0.1%	34398-01-1	n/a	
			-	
Section 4. FIRST AID MEASURES				

# Section 4. FIRST AID MEASURES

Skin Contact:

Flush with copious amounts of water. If irritation persists seek medical attention.

Eye Contact:	Flush with copious amounts of water. If irritation persists seek medical
Ingostion	attention.
Ingestion:	Do not ingest. Seek Medical attention.
Inhalation:	If vapors or fumes cause irritation, remove exposed person to fresh air. If
	irritation persists seek medical attention
Section 5. FIRE FIGH	•
Flammability Classific	cation: This product is not flammable
Extinguishing Media:	Use extinguishing media appropriate to surrounding fire conditions
Protective equipmen	t: Use self contained breathing apparatus and protective clothing
Unusual Fire and Exp	losion hazards: None known
Section 6. ACCIDENT	AL RELEASE MEASURES
Clean up method:	Absorb/recover material. Place in waste container. Clean spillage area thoroughly
	contaminated surfaces will become slippery
Disposal method:	Dispose of according to local, state/federal regulations. US disposal must be carried
	out under EPA, State and Federal laws.
Section 7. HANDLING	
Storage:	Keep in a cool, dry well ventilated place. Protect containers from extreme
	temperatures and damage. Store in correctly labeled containers in a hygienic
Continue & EVDOCUDI	environment. E CONTROLS and PERSONAL PROTECTION
	Ventilation- local exhaust
Engineering Control: Respiration Control:	Not required under normal use conditions
Occupation exposure	Keep away from food, drink and animal feeding stuffs
controls:	keep away nonnood, annk and annna recumg staris
Protective Gloves:	Optional
	Avoid contact with eyes - goggles optional
	and CHEMICAL PROPERTIES
pH:	4.3 - 5.3
Appearance:	Opaque, white/off-white pearly cream
% Volatile/ Volume:	0.00%
Water Solubility	soluble
Section 10. STABILIT	
Stability	Stable under normal conditions
Hazardous Polymeriz	
Incompatibility(mate	
	Extreme Heat or freezing temperatures
	DGICAL INFORMATION
Acute Toxicity	No specific toxicological testing has been carried out on this product. All ingredients have been incorporated under the controls of current legislation
Corrosivity	May cause irritation to eyes
Repeated or	May cause irritation to skin
Prolonged Exposure	
Section 12. ECOLOGI	CALINFORMATION
Mobility	Soluble in water
, Degradability	Avoid uncontrolled release of this material in the environment. Not readily
-	biodegradable.

# Section 13. DISPOSAL CONSIDERATIONS

General InformationDispose of in accordance with all local and national regulationsPackaging DisposalContainers can be recycled in compliance with all local and national regulations

# Section 14. TRANSPORT INFORMATION

Further InformationThis product is not classified as a dangerous for carriageNot regulated by Department of Transportation (DOT)

# Section 15. REGULATORY INFORMATION

Risk Phrases	NSH - No Significant Hazard
Safety Phrases	S2 - Keep Out of Reach of children
	S25 - Avoid Contact with Eyes
<b>Further Information</b>	Seek medical attention if irritation or symptoms persist
	Store in a cool dry area
TSCA	N/A
SARA Title III,	N/A
Section 313(40CFR372)	
California VOC	This formula contains 0% Volatile Organic Compounds
Guidance Notes	California Proposition 65- To the best of our knowledge, this products does not
	contain any ingredients that the State of California has found to cause cancer,
	birth defects or other reproductive abnormalities.
Section 16. OTHER IN	FORMATION

# Section 16. OTHER INFORMATION

Text of Risk Phrases Xn - Harmful

in Section 3 R22-36 - Harmful if swallowed

**Further Information** The information supplied in the Safety Data Sheet is designed only as guidance for the safe use and handling of the product. The information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy.



Page 1 of 7 SW-1567

	ared to OSHA A	CC, ANSI, NOI	HSC, WHMIS, 20	001/58 & 1272/20	008/EC Standard	ls		SDS R	Revision:	1.0		SDS F	Revisior	n Date:	4/13/201	15
Prepa																
					T & COM				ICAT	ION						
1.1	Product Name:		CURLS F	INISHING	SPRAY,	54.29	% V(	00								
1.2	Chemical Name:		Aerosol													
1.3	Synonyms:		SW-1567													
1.4	Trade Names:		Curls Finishing	Spray, 54.29%	% VOC											
1.5	Product Uses & R	,	Aerosol Hair S													
1.6	Distributor's Name		Shield Packagi	0												
1.7	Distributor's Addr			t, Chino CA 91												
1.8	Emergency Phone	'		• •	527-3887 / ·	+1 (800	) 424	-9300	) (CC	N 201	08)					
1.9	Business Phone /	Fax:	+1 (909) 628-4	707 / +1 (909)	591-8916											
				2. HA		DFNT	IFIC		N							
2.1	Hazard Identificat	ion:	This product		as a HAZARD					DAN	GERC	ous (	GOOD	s		
			WARNING! CAUSES EYE Classification:	FLAMMABLE IRRITATION. Aerosol 2; Ski	n criteria of NOI AEROSOL. n Sens. 1B; Ey 3 – Flammable	MAY ( /e Irrit. 2	CAUSE	ΞAΝ	ALLEF	RGIC	SKIN	REA				
			H320 – Cause: Precautionary and other ignit	s eye irritation. <u>Statements</u> (P tion sources.	?): P210 – Kee No smoking.	ep away P211 –	from h Do not	eat, ho spray	ot surfa	ces, sp en flam	barks, ne or	, open other	n flame ignitic	es on	<u> X</u>	<u>*</u>
		1	fume/gas/mist/ thoroughly afte	vapours/spray. er handling. P 80 – Wear pro	t pierce or P264 – Wasl 272 – Contam tective gloves/	h hands i ninated w /eyewear.	and ex ork clo P302	posed othing s +P352	skin ar should i – IF Ol	reas wi not be N SKIN	th so allow I: Wa	ap an /ed ou	id wari	m ne		
			P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do	338 – IF IN EY ent and easy addition. P3 In case of fir 03+P235 – Sta not expose t	YES: Rinse cau to do. Contin 62+P364 – Ta e: Use Water, ore in a well-ve to temperature	utiously w nue rinsin ake off co , Foam, entilated es excee	ith wate g. P33 ntamin CO <sub>2</sub> , E place. ding 5	er for s 37+P31 ated cl Dry Che Keep o 0 °C (	everal i 13 – If othing a emical, cool. P (122 °F	minutes eye irr and wa Halon 2410+P F). P	s. Re itation ish it (if a 412 -	emove n pers before uthoriz - Prote	conta sists ge e reuse zed), f ect fro	n. ct et e. to m		·/
			P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do	338 – IF IN EY ent and easy addition. P3 In case of fir 03+P235 – Sta not expose t	YES: Rinse cau to do. Contin 62+P364 – Ta e: Use Water, ore in a well-ve	utiously w nue rinsin ake off co , Foam, entilated es excee	ith wate g. P33 ntamin CO <sub>2</sub> , E place. ding 5	er for s 37+P31 ated cl Dry Che Keep o 0 °C (	everal i 13 – If othing a emical, cool. P (122 °F	minutes eye irr and wa Halon 2410+P F). P	s. Re itation ish it (if a 412 -	emove n pers before uthoriz - Prote	conta sists ge e reuse zed), f ect fro	n. ct et e. to m		
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			P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta	338 – IF IN EY ent and easy /attention. P3 In case of fir 03+P235 – St not expose t iner to a licens	YES: Rinse cau to do. Contin 62+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s	utiously w uue rinsin ake off co , Foam, entilated es excee storage o	ith wate g. P3 ntamin CO <sub>2</sub> , E place. ding 5 r dispo	er for s 37+P31 ated cl Dry Che Keep c 0 °C ( sal faci	everal i 13 – If othing a emical, cool. P (122 °F lity (TS ORM	minutes eye irr and wa Halon 2410+P F). P DF).	s. Re itation sh it (if a 412 - 501 · <b>5</b> 01 ·	emove n pers before uthori: - Prote - Disp	conta sists g e reuse zed), f ect froi pose	n. ct et e. to m of		
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:HEMI	CAL NAME(S)		P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta	338 – IF IN EY ent and easy /attention. P3 In case of fir 03+P235 – St not expose t iner to a licens	YES: Rinse cau to do. Contin 62+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s	utiously w uue rinsin ake off co , Foam, entilated es excee storage o	ith wate g. P3: ntamin CO <sub>2</sub> , E place. ding 5 r dispo	er for s 37+P31 ated cl Dry Che Keep c 0 °C ( sal faci INF(	everal i 13 – If othing a emical, cool. P (122 °F (122 °F (122 °F (122 °F (122 °F (122 °F (122 °F (122 °F) (122	minute: eye irr and wa Halon 2410+P F). P: DF). DF). DF). EXPOSL OHSC ppm ES-	s Re itation ish it (if a 412 - 501 <b>DN</b> IRE LII	emove n pers before uuthoriz - Prote - Disp	Conta sists gue reuse zed), f ect from pose of AIR (mg OSHA	n. ct et e. to m of g/m <sup>3</sup> )		THER
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THA		HOL 40B)	P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta <b>3. CO</b> 64-17-5 Flam.Liq.2; H2: 75-37-6	338 – IF IN EY ent and easy s/attention. P3 In case of fir 103+P235 – Str not expose t iner to a licens <b>MPOSITI</b> <u>RTECS No.</u> <u>KQ6300000</u> 25 <u>KI4100000</u>	YES: Rinse cau to do. Contin 62+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s ON & ING	vitiously w bue rinsin take off co , Foam, entilated es excee storage o <b>BREDI</b>	ith wate g. P3: ntamin CO <sub>2</sub> , E place. ding 5 r dispo <b>ENT</b>	er for s 37+P31 ated cl Dry Cho Keep o 0°C o sal faci INF( GIH m STEL 3000	everal I 13 – If othing a emical, cool. P (122 °F lity (TS ORM N ES- TWA S 1000 2	minute: eye irr and wa Halon 2410+P F). P DF). DF). DF). DF). DF). DF). EXPOSI OHSC PPM ES- STEL P 1800	s Re itation sh it (if a 412 - 501 DN DN JRE LII	emove n pers before uuthori: - Prote - Disp MITS IN	conta sists ge e reus zed), f ect froi pose o AIR (mg OSHA ppm STEL	n. ct et e. to m of g/m <sup>3</sup> )	-	
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ETHAI DIFLU VATE POLYI	NOL (SD ALCOF JOROETHANE (F ER (AQUA/EAU) URETHANE-14 'LACRYLAMIDE/	HOL 40B) R-152a)	P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta <b>3. CO</b> 64-17-5 Flam.Lig.2; H2: 75-37-6 Flam. Gas 1; H 7732-18-5	338 – IF IN EY ent and easy s/attention. P3 In case of fir 03+P235 – Str not expose t iner to a licens <b>MPOSITI</b> <u>RTECS No.</u> <u>KQ6300000</u> 25 <u>KI4100000</u> 220 NA	YES: Rinse cau to do. Contin 162+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s ON & ING EINECS No. 200-578-6 200-866-1 231-791-2	utiously w uue rinsin ake off co , Foam, entilated es excee storage o <b>BREDI</b> % 40-70 15-40	ith wate g. P33 ntamin CO <sub>2</sub> , E place. ding 5 r dispo ENT Acc PP TLV 1000	er for s 37+P31 ated cl Dry Cho Keep o °C o sal faci INF( 300 NA NA	everal i 13 – If othing a emical, cool. P (122 °F lity (TS ORM N ES- TWA S 1000 NF NF	minutes eye irr and wa Halon P410+P F). P DF). DF). <b>ATIC</b> EXPOSE OHSC PPM ES- STEL P 1800 NF NF	s. Re itation sh it (if a 412 - 501 · DN IRE LII ES- EAK NF	emove n pers before uthoria – Prote – Disp MITS IN PEL 1000 NA	conta sists ge e reuse zed), f ect froi pose of AIR (mg OSHA ppm STEL 1900 NA	n. ct et e. to m of J J J J J J J J J J J J J J J J J J	-	
POLY POLY BUTY	NOL (SD ALCOF JOROETHANE (F ER (AQUA/EAU) URETHANE-14 LACRYLAMIDE/ LACRYLAMIDE/	HOL 40B) R-152a)	P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta <b>3. CO</b> 64-17-5 Flam.Liq.2; H2: 75-37-6 Flam.Gas 1; H 7732-18-5 NA	338 – IF IN EY ent and easy v/attention. P3 In case of fir 03+P235 – Str not expose t iner to a licens MPOSITI RTECS No. KQ6300000 25 KI4100000 220 NA	YES: Rinse cau to do. Contin 162+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s ON & ING EINECS No. 200-866-1 200-866-1 231-791-2 NA	vitiously we use rinsin ake off co, Foam, entilated es excee storage o <b>BREDI</b> % 40-70 15-40 5-10	ith wate g. P33 ntamin CO <sub>2</sub> , E place. ding 5 r dispo ENT Acc PP TLV 1000	er for s 37+P31 ated cl Dry Che Keep o 0 °C o sal faci INF( 3000 NA NA NA	everal i 13 – If othing a emical, cool. P (122 °F lity (TS ORM N ES- TWA S 1000 NF NF	minutes eye irr and wa Halon P410+P F). P DF). DF). <b>ATIC</b> EXPOSE OHSC PPM ES- STEL P 1800 NF NF	s. Re itation sh it (if a 412 - 501 - <b>DN</b> <b>IRE LII</b> <b>ES-</b> <b>EAK</b> NF NF	emove n pers before uthori: - Prote - Disp MITS IN PEL 1000 NA NA NA	conta sists ge e reuse zed), f ect fro pose of AIR (mg OSHA ppm STEL 1900 NA NA	n. ct et et e. to m of <b>IDLH</b> 3300 NA NA	-	
	NOL (SD ALCOF IOROETHANE (F IR (AQUA/EAU) URETHANE-14 LACRYLAMIDE/ LACRYLAMIDE/ LACRYLATE COF	HOL 40B) R-152a) ACRYLATES/ POLYMER	P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta <b>3. CO</b> 64-17-5 Flam.Liq.2; H2: 75-37-6 Flam.Gas 1; H 7732-18-5 NA 70801-07-9	338 – IF IN EY ent and easy s/attention. P3 In case of fir i03+P235 – Str not expose t iner to a licens MPOSITI RTECS No. KQ6300000 25 KI4100000 25 KI4100000 25 NA NA	YES: Rinse cau to do. Contin 162+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s ON & ING EINECS No. 200-578-6 200-866-1 231-791-2 NA NA	utiously we use rinsin take off co, Foam, entilated estorage o storage o sto	ith wate g. P33 ntamin CO <sub>2</sub> , E place. ding 5 r dispo ENT ACC PP TLV 1000 1000	er for s 37+P31 ated cl Dry Cho Keep o 0°C o sal faci INF( 3000 NA NA NA NA	everal i 13 – If othing a emical, cool. P (122 °F lity (TS ORM N ES- TWA S 1000 2 NF NF NF	minutes eye irr and wa Halon P410+P F). P DF). P DF). PT DF). CEXPOSE OHSC PPM ES- STEL P 1800 NF NF	s. Re itation ssh it (if a 412 - 501 - 501 - <b>DN</b> <b>IRE LII</b> <b>ES- EAK</b> NF NF NF	emove n pers before uthoria - Prote - Dis MITS IN PEL 1000 NA NA NA NA	conta sists ge e reuse zed), f ect froi pose of OSHA ppm STEL 1900 NA NA NA	n. ct et e. to m of JULH 3300 NA NA NA	-	
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THAI IFLU /ATE OLYI OCTY UTYI IETH MP-4	NOL (SD ALCOF IOROETHANE (F IR (AQUA/EAU) URETHANE-14 (LACRYLAMIDE/ LAMINOETHYL IACRYLATE COF ACRYLATES CO	HOL 40B) R-152a) ACRYLATES/ POLYMER POLYMER	P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta <b>3. CO</b> 64-17-5 Flam.Liq.2; H2: 75-37-6 Flam.Gas 1; H 7732-18-5 NA 70801-07-9	338 – IF IN EY ent and easy s/attention. P3 In case of fir i03+P235 – Str not expose t iner to a licens MPOSITI RTECS No. KQ6300000 25 KI4100000 25 KI4100000 25 NA NA	YES: Rinse cau to do. Contin 162+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s ON & ING EINECS No. 200-578-6 200-866-1 231-791-2 NA NA	utiously we use rinsin take off co, Foam, entilated estorage o storage o sto	ith wate g. P33 ntamin CO <sub>2</sub> , E place. ding 5 r dispo ENT ACC PP TLV 1000 1000	er for s 37+P31 ated cl Dry Cho Keep o 0°C o sal faci INF( 3000 NA NA NA NA	everal i 13 – If othing : emical, cool. P (122 °F lity (TS ORM N ES- TWA S 1000 7 NF NF NF NF	minutes       eye irr       and wa       Halon       V410+P       F).       PF).       DF).       PT       ATIC       ES-       STEL       P1800       NF       NF       NF       NF       NF	s. Re itation ssh it (if a 412 - 501 - 501 - <b>DN</b> <b>IRE LII</b> <b>ES- EAK</b> NF NF NF	emove n pers before uthoria - Prote - Dis MITS IN PEL 1000 NA NA NA NA	conta sists ge e reuse zed), f ect froi pose of OSHA ppm STEL 1900 NA NA NA	n. ct et e. to m of JULH 3300 NA NA NA	-	
THAI IFLU /ATE OLYI OCTY UTYI IETH MP-4	NOL (SD ALCOF IOROETHANE (F IR (AQUA/EAU) URETHANE-14 LACRYLAMIDE/ LACRYLAMIDE/ LACRYLATE COF	HOL 40B) R-152a) ACRYLATES/ POLYMER POLYMER	P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta <b>3. CO</b> 64-17-5 Flam.Liq.2; H2: 75-37-6 Flam. Gas 1; H 7732-18-5 NA 70801-07-9 NA 124-68-5 Eye Irrit. 2; Skii	338 – IF IN EY ent and easy s/attention. P3 In case of fir 103+P235 – Str not expose t iner to a licens MPOSITI RTECS No. KQ6300000 25 KI4100000 25 NA NA NA NA	YES: Rinse cau to do. Contin 162+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s ON & ING EINECS No. 200-578-6 200-866-1 231-791-2 NA NA NA NA 204-709-8 Chronic 3; H319	utiously w uue rinsin ake off co , Foam, entilated es excee storage o <b>REDI</b> 	ith wate g. P3: ntamin CO <sub>2</sub> , E place. ding 5 r dispo ENT Acc PP TLV 1000 1000 NA NA NA NA	er for s 37+P31 ated cl Dry Che Keep o 0°C o sal faci INF( 3000 NA NA NA NA NA NA	everal i 13 – If othing : emical, cool. P (122 °F lity (TS ORM N ES- TWA S 1000 / NF NF NF NF NF	minute:       eye irr       and wa       Halon       P410+P       F).       PF).       DF).       ATIC       EXPOSI       OHSC       PP       ES-       P1       NF       NF       NF       NF       NF       NF	s. Re itation sh it (if a 412 - 501 - <b>DN</b> RE LII RE LII R	MITS IN PEL 1000 NA NA NA NA NA	conta sists ge e reuse zed), f ect froi pose of AIR (mg OSHA ppm STEL 1900 NA NA NA NA NA	n. ct et et e. to m of IDLH 3300 NA NA NA NA NA	-	
THAI IFLU /ATE OLYI UTYI IETH MP-/	NOL (SD ALCOF IOROETHANE (F IR (AQUA/EAU) URETHANE-14 (LACRYLAMIDE/ LAMINOETHYL IACRYLATE COF ACRYLATES CO	HOL 40B) R-152a) ACRYLATES/ POLYMER POLYMER PANOL	P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta <b>3. CO</b> 64-17-5 Flam.Liq.2; H2: 75-37-6 Flam. Gas 1; H 7732-18-5 NA 70801-07-9 NA 124-68-5	338 – IF IN EY ent and easy s/attention. P3 In case of fir 103+P235 – Str not expose t iner to a licens MPOSITI RTECS No. KQ6300000 25 KI4100000 25 KI4100000 20 NA NA NA	YES: Rinse cau to do. Contin 162+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s ON & ING EINECS No. 200-578-6 200-866-1 231-791-2 NA NA NA NA 204-709-8	utiously w uue rinsin ake off co , Foam, entilated es excee storage o <b>REDI</b> 	ith wate g. P3: ntamin CO <sub>2</sub> , E place. ding 5 r dispor ENT ACC PP TLV 1000 1000 NA NA NA	er for s 37+P31 ated cl Dry Cho Keep o 0°C o sal faci INF( 3000 NA NA NA NA NA	everal i 13 – If othing : emical, cool. P (122 °F lity (TS ORM N ES- TWA S 1000 / NF NF NF NF NF	minute:       eye irr       and wa       Halon       P410+P       F).       PF).       DF).       ATIC       EXPOSI       OHSC       PP       ES-       P1       NF       NF       NF       NF       NF       NF	s. Re itation sh it (if a 412 - 501 - <b>DN</b> RE LII RE LII ES- EAK NF NF NF	MITS IN PEL 1000 NA NA NA NA	conta sists gree e reuse zed), f ect froi pose of AIR (mg OSHA ppm STEL 1900 NA NA NA NA	n. ct et e. to m of JULH 3300 NA NA NA NA	-	
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ITHAI NIFLU VATE OLYI DCTY UTYI MP-/- MIN(0 RAG	NOL (SD ALCOF JOROETHANE (F IOROETHANE (F INCOETHANE-14 URETHANE-14 LACRYLAMIDE/ LAMINOETHYL LAMINOETHYL LACRYLATES CO OMETHYL PROF IRANCE (PARFU NENE A-ISOMETHYL IC	HOL 40B) R-152a) ACRYLATES/ POLYMER PANOL IM)	P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta <b>3. CO</b> 64-17-5 Flam.Liq.2; H2: 75-37-6 Flam.Gas 1; H 7732-18-5 NA 70801-07-9 NA 124-68-5 Eye Irrit. 2; Skii NA 5989-27-5	338 – IF IN EY ent and easy s/attention. P3 In case of fir i03+P235 – Str not expose t iner to a licens MPOSITI RTECS No. KQ6300000 25 KI410000 220 NA NA NA NA NA NA MA GW6360000	YES: Rinse cau to do. Contin 162+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s ON & ING EINECS No. 200-578-6 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-709-8 Chronic 3; H319 NA 204-709-8 Chronic 3; H319 NA	utiously w uue rinsin ake off co , Foam, entilated es excee storage o <b>REDI</b> % 40-70 15-40 5-10 1-5 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1	ith wate g. P33 ntamin CO <sub>2</sub> , E place. ding 5 r dispor ENT ACC PP TLV 1000 1000 NA NA NA NA NA	er for s 37+P31 ated cl Dry Che Keep c 0°C ( sal faci INF( 3iH 3000 NA NA NA NA NA NA NA	everal I 13 – If othing a emical, cool. P (122 °F lity (TS ORM NF 1000 7 1000 7 NF NF NF NF NF NF NF NF NF	minutes eye irr and wa Halon v410+P F). P DF). P DF). PT OHSC OHSC OHSC OHSC OHSC OHSC OHSC OHSC	s. Re itation sh it (if a 412 - 501 - 501 - <b>DN</b> RE LII RE LII RE LII RE LII NF NF NF NF NF NF NF	emove n pers before uthoriz - Prote - Dis MITS IN PEL 1000 NA NA NA NA NA NA	conta sists ge e reuse zed), f ect froi pose of AIR (mg OSHA ppm STEL 1900 NA NA NA NA NA	n. ct et et e. to m of IDLH 3300 NA NA NA NA NA NA		GEN
ETHAI DIFLU VATE POLYI DCTY BUTYI METH MMP-/ MMING FRAG IMOP	NOL (SD ALCOF JOROETHANE (F IOROETHANE (F INCOETHANE-14 URETHANE-14 LACRYLAMIDE/ LAMINOETHYL LAMINOETHYL LACRYLATES CO OMETHYL PROF IRANCE (PARFU NENE A-ISOMETHYL IC	HOL 40B) R-152a) ACRYLATES/ POLYMER PANOL IM)	P305+P351+P lenses, if pres medical advice P370+P378 – extinguish. P4 sunlight. Do contents/conta <b>3. CO</b> CAS No. 64-17-5 Flam.Liq.2; H2: 75-37-6 Flam.Gas 1; H 7732-18-5 NA 70801-07-9 NA 124-68-5 Eye Irrit. 2; Skii NA 5989-27-5 127-51-5	338 – IF IN EY ent and easy s/attention. P3 In case of fir i03+P235 – Str not expose t iner to a licens MPOSITI RTECS No. KQ6300000 25 KI410000 25 KI410000 220 NA NA NA NA NA QA5950000 n Irrit. 2; Aquatic NA	YES: Rinse cau to do. Contin 162+P364 – Ta e: Use Water, ore in a well-ve to temperature ed treatment, s ON & ING EINECS No. 200-578-6 200-866-1 231-791-2 NA NA NA 204-709-8 Chronic 3; H319 NA 227-813-5 204-846-3	utiously w use rinsin ake off co , Foam, entilated es excee storage o <b>REDI</b> 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1 0.1-1	ith wate g. P3: ntamin CO <sub>2</sub> , E place. ding 5 r dispo ENT Acc PP TLV 1000 1000 1000 NA NA NA NA NA NA	er for s 37+P31 ated cl Dry Che Keep o 0°C o sal faci INF( 3000 NA NA NA NA NA NA NA NA NA	everal i 13 – If othing : emical, cool. P (122 °F lity (TS ORM NF 1000 7 1000 7 NF NF NF NF NF NF NF NF NF NF	minutes       eye irr       and wa       Halon       V410+P       F).       PF       DF).       PF       ATIC       ES-       STEL       P       1800       NF	s. Re itation ssh it (if a 412 - 501 - 501 - <b>DN</b> <b>IRE LII</b> <b>ES- EAK</b> NF NF NF NF NF NF NF NF	emove n pers before uthoria - Prote - Dis MITS IN NA NA NA NA NA NA NA NA NA	Conta sists ge e reuse zed), f ect froi pose of OSHA ppm STEL 1900 NA NA NA NA NA NA NA NA	n. ct et et e. to m of IDLH 33000 NA NA NA NA NA NA NA		GEN



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Prepa	ared to OSHA, ACC, ANSI, N	IOHSC, WHMIS	, 2001/58 & 1272	2/2008/EC Standa	rds		SDS	Revisio	n: 1.0		SDS	Revisio	n Date:	4/13/201	5
		2 0													
		3. 0	0111051	TION & IN	GRED	IENI	INF	ORI					( 3)		
						AC	GIH		NOHSC			N AIR (m OSHA	g/m²)		
							om		ppm			ppm		1	
								ES-	ES-	ES-		1			
CHEMI	CAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL	PEAK		STEL	IDLH	0	THER
PANT	HENOL	81-13-0	NA	201-327-3	0.1-1	NA	NA	NF	NF	NF	NA	NA	NA		
		77-93-0	NA	201-070-7	0.1-1	NA	NA	NF	NF	NF	NA	NA	NA		
TRIET	HYL CITRATE	77-93-0	INA	201-070-7	0.1-1	NA	ΝA	INF	INF	INF	NA	NA	INA		
		9006-65-9	TQ2690000	NA	0.1-1	NA	NA	NF	NF	NF	NA	NA	NA		
PEG/F	PG-17/18 DIMETHICONE	Eye Irrit. 2;													
ETHY	LHEXYL	5466-77-3	NA	226-775-7	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERG	GEN
METH	OXYCINNAMATE								1						
EXTR	ACTS	NA	NA	NA	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA		
				<u>. FIRST A</u>											
4.1		Ingestion: Eyes: Skin:	IMMEDIATE unconscious estimate of swallowed. Splashes ar water for at If irritation of	do not induce LY. If the paties person. Conta the time at wh re not likely; ho least 15 minutes ccurs and produ the affected are	ent is vom act the nea hich the r wever, if s. If irritati act is on th	iting, co arest Po naterial product on occu e skin,	ontinue bison ( was : gets urs, co rinse t	e to off Control ingeste in the ntact a	er wat Cente ed and eyes, physio ghly wi	er or r er or lo I the a flush cian. th luke	milk. Nocal en amour with c	Never g nergeno nt of th copious water,	give wa cy nun ne sub amou follow	ater or n nber. Pr ostance unts of li ed by a	nilk to an rovide an that was ukewarm thorough
		Inhalation:	physician im			ap and	wate	1. 11 1	mation	i, reui	ness c	or swei	ing pe	ersists, t	contact a
4.2	Effects of Exposure:	Ingestion: Eyes: Skin: Inhalation:	Moderately watering. May be irrita	swallowed, may irritating to the ating to skin. The ive individuals.	eyes. Sy	nptoms	of ov	erexpo	osure r	nay in			-	0	
4.3	Symptoms of Overexposure:	Overexposu itching, and	ire in eyes mag	y cause redness ected areas. T											
4.4	Acute Health Effects:		itation to eyes												
4.5	Chronic Health Effects:			Ith effects are ex	nected to	occur f	rom a	single	accide	ntal in	naetio	n			
4.6	Target Organs:	Eyes			specieu io	OCCUI I	ioin a	Single	acciue		igestio	11.			
4.7	Medical Conditions		dormatitia at	ther skin condit	iona and	diaard	oro of	the		TH					4
	Aggravated by Exposure:			and respiratory		uisoiu									1
		target ergan	ie (eyee, eiiii, i		system).			_	FLAN						3
								_				ARDS			0
									PROT	FECT	IVE E	QUIPI	MENT		В
									EYES		SKIN				
			5 6	FIREFIGHT				=9							
<b>5</b> 4	Fire & Explosion Hazards:														
5.1		above 120 ° hazards who may rupture containers o heat, lit cig temperature	F. Cool uninv en bursting. If and release fl cool by sprayin garettes, sparl s, may product	Level 2 Aero olved containers f aerosols are b ammable liquids g them with warks & open flar e hazardous de O <sub>x</sub> ) and smoke.	s to preven ursting, si s or/or exp ter until th me. Kee	nt possi ay clea osed ga e fire h ep cont	ble bu r until ases if as bee ainer	rsting. burstir expos en extir closec	Aeros ng is c sed to t nguish I. Whe	ols ma omple he hea ed. K en exp	ay be te Co at of fin eep av posed	projecti ontaine re. Kee way fro to hig	ile rs ep m gh	3	
5.2	Extinguishing Methods:			nemical, Halon (		,								V	$\checkmark$
5.3	Firefighting Procedures:	demand) an spray to coo fire control o Firefighters breathing ap	d full protectiv of fire-exposed or dilution from must use full	SHA/NIOSH ap re gear. Keep surfaces and to entering sewer bunker gear inc otect against po	container protect p s, drains, luding NI	s cool u ersonal drinking DSH-ap	intil we Figh wate prove	ell afte it fire u r suppl d posit	r the fi pwind. ly, or a ive pre	re is c Prev iny nat	out. Ü vent ru tural w self-c	se wat noff fro aterwa ontaine	er m y. ed		7



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		01100 14/1110 0004/50 0 4070/00		N		0.00	D. 1.1 4	0	000	B	D.1. 4/40/004F
Prepa	ared to OSHA, ACC, ANSI, N	IOHSC, WHMIS, 2001/58 & 1272/20	08/EC S	Standards	8	SDS	Revision: 1.	0	SDS	Revision	Date: 4/13/2015
							SUDES	•			
	0	6. ACCIDE								· .	
3.1	Spills:	Before cleaning any spill or Equipment (PPE).									
		For <u>small spills</u> (e.g., < 1 g Maximize ventilation (open d absorbent material and place	doors a	and win	dows) an	d secure	all sources	s of ign	ition.	Remove	spilled material wi
		local, state and federal regul soap. Remove any contamination	ations.	Wash	all affecte	ed areas a	nd outside	of con			
		For <u>large spills</u> (e.g., ≥ 1 ga material (e.g., sand or earth).	Use (	ONLÝ n	on-sparkin	g tools for	recovery a	and clea	inup. T	ransfer	liquid to containers f
		recovery or disposal and solid promptly and wash affected s and open bodies of water.									
		7. HANDLIN	IG &	STO	RAGE	INFOF		)N			
.1	Work & Hygiene Practices:	Do not eat, drink, or smoke w									
7.2	Storage & Handling:	Use and store in a cool, dry, heat and open flames.					l exhaust v	entilatio	n, fansj	). Keep	away from excessiv
7.3	Special Precautions:	Spilled material may present a	a slippii	ng haza	rd if left ur	attended.	Clean all s	pills pro	omptly.		
		8. EXPOSURE CO	NTR	OLS	& PER	SONA	L PRO	ГЕСТ	ION		
8.1	Exposure Limits:		AC	GIH		NOHSC			OSHA	1	OTHER
	ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		ETHANOL (SD ALCOHOL 40B) DIFLUOROETHANE (R-152a)	1000	3000 NA	1000 1000	1800 NF	NF NF	1000 NA	1900 NA	3300 NA	
		LIMONENE	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		ALPHA-ISOMETHYL IONONE	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		LINALOOL	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		ETHYLHEXYL									
			NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
3.2	Ventilation & Engineering Controls:	ETHOXYCINNAMATE General mechanical (e.g., fa exhaust ventilation to effective	ns) or /ely re	natural move a	ventilation	i is suffici t buildup	ent when t of vapors	his proc or mist	l duct is genera	in use. Ited fron	Use local or gene the handling of th
		ETHOXYCINNAMATE General mechanical (e.g., fa exhaust ventilation to effectiv product. Ensure that an eyew No special respiratory protect necessary, use only respiratt §1910.134, or applicable U.	ns) or vely re ash sta stion is ory pro S. stat	natural move a <u>ttion, sin</u> require otection te regul	ventilation nd preven k or washi d under ty authorized ations, or	is suffici t buildup basin is av ypical circ d per U.S	ent when t of vapors vailable in c umstances . OSHA's i	his proc or mist ase of e of use requiren	duct is genera exposure or han nent in	in use. Ited from to eyes dling. I 29 CFF	Use local or gene n the handling of th s. f
8.3	Controls:	ETHOXYCINNAMATE General mechanical (e.g., fa exhaust ventilation to effectiv product. Ensure that an eyew No special respiratory protect necessary, use only respirat §1910.134, or applicable U. provinces, E.C. member state Avoid eye contact. Protectiv glasses with side-shield) at a protective eyewear when clear	ns) or vely re ash sta stion is ory pro S. stat s, or A ve eye Il times aning	natural move a tion, sin require tection te regul ustralia. wear re s when spills o	ventilatior nd preven k or washi d under to authorized ations, or commend handling la r leaks.	n is suffici th buildup basin is av ypical circ d per U.S the appr ed. Wea arge quan	ent when t of vapors vailable in c umstances . OSHA's i opriate sta r protective tities (of th	his proc or mist ase of e of use requiren indards e eyewe is produ	duct is genera xposure or han nent in of Car ear (e.g	in use. ited from to eyes dling. I 29 CFF nada, its ., safety vays use	Use local or gene the handling of the f
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3.3 3.4 3.5 3.6 3.6 3.6 3.7 3.8	Controls: Respiratory Protection: Eye Protection: Hand Protection: Body Protection: Body Protection: Appearance: Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boling Point/Boling Range: Flashpoint:	ETHOXYCINNAMATE General mechanical (e.g., fa exhaust ventilation to effective product. Ensure that an eyew. No special respiratory protect necessary, use only respirat §1910.134, or applicable U. provinces, E.C. member state Avoid eye contact. Protectir glasses with side-shield) at a protective eyewear when cle lenses may absorb and conce None required under normal sensitive individuals. If antici this product, wear latex or m OSHA 29 CFR §1910.138, the No special body protection necessary, refer to appropriat <b>9. PHYSIC/</b> Aerosol. Clear, colorless liquid Fragrant odor NA 9.55 NA NA 9 °C (48 °F)	ns) or vely re ash sta tion is ory pro- S. stat s, or A ve eye Il times aning entrate I cond pated t ubber e appro- is reque e stance AL &	natural move a require otection ustralia. wear regul ustralia. wear res s when spills o irritants. litions c hat prol gloves f opriate s uired un lards of	ventilatior nd preven k or washl d under ty authorized ations, or commend handling la r leaks. of fuse. Ho onged & n for routine tandards of nder typic Canada, t	n is suffici ti buildup basin is av ypical circ d per U.S the appr ed. Wea arge quan Contact le owever, m epeated s industrial of Canada, al circums he E.C. m	ent when t of vapors vailable in c umstances . OSHA's i opriate sta r protective tities (of th enses pose hay cause kin contact use. If n of the E.C stances of ember state	his proc or mist ase of e of use requiren indards e eyewe is produ a spec skin irr will occ ecessar . membe use ar es, or U.	duct is genera <u>xposure</u> or han nent in of Car ear (e.g ear (e.g ear (a.g ear (a.g))))))))))))))))))))))))))))))))))))	I ted from ted from to teyes dling. I 29 CFF hada, its in, safety vays use ard; sof in some in some g use o to U.S s. dling. I	Use local or gene n the handling of the s. f c t e f f f f f f f f f f f f f
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3.3	Controls: Respiratory Protection: Eye Protection: Hand Protection: Hand Protection: Body Protection: Body Protection: Odor: Odor: Odor Threshold: pH: Melting Point/Freezing Point: Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure:	ETHOXYCINNAMATE General mechanical (e.g., fa exhaust ventilation to effectin product. Ensure that an eyew No special respiratory protect necessary, use only respirat §1910.134, or applicable U. provinces, E.C. member state Avoid eye contact. Protectin glasses with side-shield) at a protective eyewear when cle lenses may absorb and conce None required under norma sensitive individuals. If antici this product, wear latex or m OSHA 29 CFR §1910.138, the No special body protection necessary, refer to appropriat <b>9. PHYSIC/</b> Aerosol. Clear, colorless liquid Fragrant odor NA 9.55 NA NA 9.55 NA NA 9.65 ± 5 psig @ 70 °F	ns) or vely re ash sta tion is ory pro- S. stat s, or A ve eye Il times aning entrate I cond pated t ubber e appro- is reque e stance AL &	natural move a require otection ustralia. wear regul ustralia. wear res s when spills o irritants. litions c hat prol gloves f opriate s uired un lards of	ventilatior nd preven k or washl d under ty authorized ations, or commend handling la r leaks. of fuse. Ho onged & n for routine tandards of nder typic Canada, t	n is suffici ti buildup basin is av ypical circ d per U.S the appr ed. Wea arge quan Contact le owever, m epeated s industrial of Canada, al circums he E.C. m	ent when t of vapors vailable in c umstances . OSHA's i opriate sta r protective tities (of th enses pose hay cause kin contact use. If n of the E.C stances of ember state	his proc or mist ase of e of use requiren indards e eyewe is produ a spec skin irr will occ ecessar . membe use ar es, or U.	duct is genera <u>xposure</u> or han nent in of Car ear (e.g ear (e.g ear (a.g ear (a.g))))))))))))))))))))))))))))))))))))	I ted from ted from to teyes dling. I 29 CFF hada, its in, safety vays use ard; sof in some in some g use o to U.S s. dling. I	Use local or gene the handling of the s. f c t f c f f c f f c f c f c f c f c c c c c c c c c c c c c



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repa	ared to OSHA, ACC, ANS	I, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 4/13/2015
		9. PHYSICAL & CHEMICAL PROPERTIES – cont'd
13	Partition Coefficient (log Pow	
14 15	Autoignition Temperature: Decomposition Temperature	
16	Viscosity:	× NA NA
7	Other Information:	VOC: 54.29%
		VOC. 54.29 //
		10. STABILITY & REACTIVITY
).1	Stability:	This product is stable.
).2	Hazardous Decomposition	Oxides of carbon (CO, $CO_2$ ) and sulfur (SO <sub>2</sub> ).
).3	Products: Hazardous Polymerization:	Will not occur.
0.4	Conditions to Avoid:	Open flames, sparks and high heat.
0.5	Incompatible Substances:	None known.
		11. TOXICOLOGICAL INFORMATION
.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES
1.2	Toxicity Data:	The product has not been tested for specific toxicity data.
1.3	Acute Toxicity:	See section 4.4
1.4	Chronic Toxicity:	See section 4.5
1.5	Suspected Carcinogen:	No.
1.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
1.7	Irritancy of Product:	See Section 4.3.
1.8 1.9	Biological Exposure Indices Physician Recommendation	
1.5	Thysician recommendation	s: Treat symptomatically.
		12. ECOLOGICAL INFORMATION
2.1	Environmental Stability:	There is no specific data available for this product.
2.2	Effects on Plants & Animals	
2.3	Effects on Aquatic Life:	There is no specific data available for this product.
		13. DISPOSAL CONSIDERATIONS
3.1	Waste Disposal:	Waste disposal must be in accordance with appropriate Federal, state, and local regulations.
3.2	Special Considerations:	U.S. EPA Waste Number: D001 (characteristic - ignitable).
		14. TRANSPORTATION INFORMATION
		Jumber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additio
		/ be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.
4.1	49 CFR (GND):	CONSUMER COMMODITY, ORM-D (IP VOL ≤ 1000 mL) – until 12/31/2020
4.0		UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1000 mL)
4.2	IATA (AIR):	ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 500 mL)
		UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 500 mL)
4.3	IMDG (OCN):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1000 mL)
A 4	TDCD (Consider OND)	
4.4	TDGR (Canadian GND):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1000 mL) or
4.5		MARK PACKAGE "LIMITED QUANTITY," "LTD QTY," or "QUANT LTÉE" or "QUANTITÉ LIMITÉE"
4.5	ADR/RID (EU):	MARK PACKAGE "LIMITED QUANTITY," "LTD QTY," or "QUANT LTÉE" or "QUANTITÉ LIMITÉE"         UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1000 mL)         UN1950, AEROSOLS, 2.1 (CANTIDAD LIMITADA, IP VOL ≤ 1000 mL)         UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1000 mL)
	SCT (MEXICO):	
4.6	001 (IVILAIOU).	UN1950, AEROSOLS, 2.1 (CANTIDAD LIMITADA, IP VOL ≤ 1000 mL)
14.6		
4.6	ADGR (AUS):	



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		15. REGULATORY INFORMATION
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity (RQ):	NA
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS B5, D2B (Flammable Aerosol, Other Toxic Effects)
15.7	State Regulatory Information:	Ethanol is found on the following state criteria lists: Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), Pennsylvania Right-to-Know List (PA), California Proposition 65 ((CA65) ethanol in alcoholic beverages) and Washington Permissible Exposures List (WA). Difluoroethane can be found on the following state criteria lists: MA and NJ. <u>Aminomethyl Propanol</u> is found on the following state criteria lists. FL, MA and PA. <u>Glycerin</u> is listed on the following state criteria list: MA, MN, PA and WA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC. Flammable (F). <u>Risk Phrases</u> (R): 11 – Flammable. <u>Safety Phrases</u> (S): 2-7-16-24/25 – Keep out of reach of children. Keep container tightly closed. Keep away from sources of ignition – No smoking. Do not breathe vapor. Avoid contact with skin and eyes.



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

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SDS Revision Date: 4/13/2015

		16. OTHER INFORMATION	
16.1	Other Information:	WARNING! FLAMMABLE AEROSOL. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EY IRRITATION. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do n spray on open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathir fume/gas/mist/vapours/spray. Wash hands and exposed skin areas with soap and warm thoroughly after handling. skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN: Wash with plenty warm water and soap. IF I EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continu rinsing. If eye irritation persists get medical advice/attention. In case of fire: Use Water, Foam, CO <sub>2</sub> , Dry Chemical, Hald (if authorized) to extinguish. Store in a well-ventilated place. Keep cool. Use only as directed. Protect from sunlight. D not expose to temperatures exceeding 50 °C (122 °F). Discontinue use immediately if irritation develops. KEEP OL OF REACH OF CHILDREN.	IN IN IN IN IN IN IN IN IN IN IN IN IN I
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Oth government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Shield Packagir of CA's knowledge, the information contained herein is reliable and accurate as of this date; however, accurac suitability or completeness is not guaranteed and NO WARRANTIES OF ANY TYPE, EXPRESSED OR IMPLIED, AR PROVIDED INCLUDING THE WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOS The information contained herein relates only to the specific product(s). If this product(s) is combined with oth materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	ng xy, RE E. ier
16.4	Prepared for:	Shield Packaging of CA, Inc.           5165 "G" Street           Chino CA 91710 USA           Tel: +1 (909) 628-4707           Fax: +1 (909) 591-8916           http://www.shieldpackaging.com	
16.5	Prepared by:	ShipMate, Inc.         P.O. Box 787         Sisters, Oregon 97759-0787 USA         Tel: +1 (310) 370-3600         Fax: +1 (310) 370-5700         http://www.shipmate.com	



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SDS Revision: 1.0

SDS Revision Date: 4/13/2015

# **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### **GENERAL INFORMATION:**

CAS No.	Chemical Abstract Service Number
EXPOSURE	LIMITS IN AIR:
ACGIH	American Conference on Governmental Industrial Hygienists
C	Ceiling Limit
ES	Exposure Standard (Australia)
IDLH	Immediately Dangerous to Life and Health
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

#### FIRST AID MEASURES:

CPR Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

## HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

#### PERSONAL PROTECTION RATINGS:

Α	6		G			8			
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С		Ę.	I						
D	B	t)	J			Ŵ			
Е		$\bigcirc$	κ			R			
F			x	Consult yo special har					
Sa	afety Glasses	Splash Goggles		ce Shield & ctive Eyewea	r	Glove	s		
	Boots	Synthetic Apron		Protective Clothing & Full Suit			birator		
Full Face Respirator Dust & Vapor Half- Mask Respirator Respirator Or SCBA									
OTHER STANDARD ABBREVIATIONS:									

#### 

ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

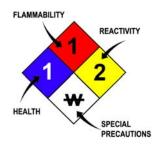
#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### FLAMMABILITY LIMITS IN AIR:

T E/ (MIN)/ (BIEI	
Autoignition	Minimum temperature required to initiate combustion in air with no other
Temperature	source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will
	explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will
	explode or ignite in the presence of an ignition source

#### HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
	s
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>lo</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log K <sub>ow</sub> or log K <sub>oc</sub>	Coefficient of Oil/Water Distribution

#### **REGULATORY INFORMATION:**

	One diam Westerland Harmonian Material Information Outborn
WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

#### HMIS-III National Paint & Coatings Association Hazardous Materials Identification System WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Worki Eace hazarbood materials identification (while) of stem.								
$\bigcirc$	۲	٨	Q	(Ţ)	۲			
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F	
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive	

#### EC (67/548/EEC) INFORMATION:

		N	¥	8	<b>®X</b>	×	×
С	E	F	Ν	0	т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

#### CLP/GHS (1272/2008/EC) PICTOGRAMS:

			$\Diamond$			$\Leftrightarrow$		
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environ- ment

# **SAFETY DATA SHEET (SDS)**

NAME OF PRODUCT: CONDITIONER

# SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Curls Masque Bulk Number: GHC082815BMCT\_KMJ

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Conditioner for softening Hair. PREPARED BY: Kajsa Jackson DATE PREPARED: 01-SEP-15

SECTION 1 NOTES:

#### SECTION 2: HAZARDS IDENTIFICATION

#### **EMERGENCY OVERVIEW:**

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

EYES: Redness, pain. Blurred vision. Burning sensation.

**SKIN:** Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT:** A proprietary blend of Fatty Quaternary compounds and Fatty Alcohol.

:

SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

NAME OF PRODUCT: CONDITIONER

# SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### ACCIDENTAL RELEASE MEASURES:

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking. **Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 6 NOTES: N/A

## SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

#### SECTION 7 NOTES: N/A

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

PAGE 2 OF 4

# **SAFETY DATA SHEET (SDS)**

NAME OF PRODUCT: CONDITIONER

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** White

**ODOR: Pleasant** 

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 3.00-6.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 8.25-8.7

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: 75,000-350,000 @22C

SECTION 9 NOTES: N/A

**STABLE** 

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available..

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

NAME OF PRODUCT: CONDITIONER

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Conditioner

:

WATER TRANSPORTATION PROPER SHIPPING NAME: Conditioner

AIR TRANSPORTATION PROPER SHIPPING NAME: Conditioner

SECTION 14 NOTES: N/A

## SECTION 15: REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS** 

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

#### SECTION 16: OTHER INFORMATION

## OTHER INFORMATION:

## **PREPARATION INFORMATION:**

## DISCLAIMER:

The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

NAME OF PRODUCT Date: 9/27/12 SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### PRODUCT NAME: Curls Mousse

MANUFACTURER: Chicago Aerosol ADDRESS: 1300 North St Coal City,IL 60416

EMERGENCY PHONE: 1-866-634-5100 CHEMTREC PHONE: 1-800-424-9300 OTHER CALLS: FAX PHONE:

#### SECTION 1 NOTES:

#### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO.	% WT
Isobutane	75-28-5	<10.0
Ethane, 1,1-Difluoro	75-37-6	< 5.0

## SECTION 2 NOTES:

#### SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW: Flammable Aerosol** 

ROUTES OF ENTRY: May be harmful if swallowed or inhaled

POTENTIAL HEALTH EFFECTS EYES: Irritating to eyes

SKIN: May cause irritation

INGESTION: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea,vomiting and diarrhea. May cause central nervous system depression.

INHALATION: May be harmful if inhaled. Inhalation of vapors in high concentration may cause irritation of the respiratory system. May cause drowsiness and dizziness.

#### ACUTE HEALTH HAZARDS:

CHRONIC HEALTH HAZARDS: May cause adverse liver effects. May cause adverse effects to the bone marrow and bloodforming system.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Central nervous system. Pre-existing eye disorders. Blood disorders. Liver disorders.Respiratory disorders

CARCINOGENICITY OSHA: OTHER:	ACGIH:	NTP:	IARC:	
SECTION 3 NOTES:				

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

SKIN: In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Wash skin with soap and water. In the case of skin irritation or allergic reactions, consult a physician

INGESTION: Call a physician or Poison Contro Center immediately. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person.

INHALATION: Move victim to fresh air. Administer oxygen if breathing is difficult. Apply artificial respiration if victim is not breathing. If symptoms persist, call a physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Keep victim warm and quiet

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE Properties: Containers may explode when heated

FLASH POINT: F: ND C: METHOD USED: Open Cup

NFPA HAZARD CLASSIFICATION HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 0 OTHER: Physical and Chemical Hazzard

HMIS HAZARD CLASSIFICATION HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 0 PROTECTION: Personal Protection

EXTINGUISHING MEDIA: CO2 or dry chemical for small fires. Foam for large fires

SPECIAL FIRE FIGHTING PROCEDURES: Addition of water fog will aid in reducing burning rate. Use NIOSH self-contained breathing appartatus in confined areas

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flamable vapors may travel along the floor to be ignited by distant ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion of liquid may form oxides of carbon and nitrogen

SECTION 5 NOTES:

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Eliminate all ignition sources. Ventilate area. Small spills should be flushed with large amounts of water. Large spills should be absorbed on non flammable absorbant material for disposal.

SECTION 6 NOTES:

#### SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Contents under pressure Keep away from heat and sources of ignition. Keep out of reach of children.

OTHER PRECAUTIONS:

NAME OF PRODUCT SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
VENTILATION : For salon or home use, always provide adequate ventilation.
RESPIRATORY PROTECTION: none necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors.
EYE PROTECTION: None necessary when product is used as directed.
SKIN PROTECTION: None necessary when product is used as directed.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
WORK HYGIENIC PRACTICES: Normal safe working practices
EXPOSURE GUIDELINES:
SECTION 8 NOTES:
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
APPEARANCE: white foam
ODOR: fragrance
PHYSICAL STATE:
pH AS SUPPLIED:
pH (Other): 6.0
BOILING POINT: of concentrate F: ND
C:
MELTING POINT: NA
F: C:
Flash Point : 65 degrees F
F: C:
UAPOR PRESSURE (mmHg): 45-55 psig
Q .
F: 70 degrees C:
VAPOR DENSITY (AIR = 1): N/E @
F:
© SPECIFIC GRAVITY (H2O = 1):
F: 1.003

BASIS (=1):

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: soluble

C: EVAPORATION RATE: > 1

PERCENT SOLIDS BY WEIGHT: No information available

F: C: VOLATILE ORGANIC COMPOUNDS (VOC): 6%

NAME OF PRODUCT

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY	
STABLE	UNSTABLE
STABILITY: Stable under recommended storage conditions	
CONDITIONS TO AVOID (STABILITY): Heat, Flames, sparks	
INCOMPATIBILITY (MATERIAL TO AVOID): Strong Oxidizing Agents	
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Oxides, Nitrogen	Oxides
HAZARDOUS POLYMERIZATION: None under normal processing	
CONDITIONS TO AVOID (POLYMERIZATION):	
SECTION 10 NOTES:	
SECTION 11: TOXICOLOGICAL INFORMATION	
TOXICOLOGICAL INFORMATION: May be harmful if swallowed. May be harmful	ul if inhaled
SECTION 11 NOTES:	
SECTION 12: ECOLOGICAL INFORMATION	
ECOLOGICAL INFORMATION: N/E	
SECTION 12 NOTES:	
SECTION 13: DISPOSAL CONSIDERATIONS	
WASTE DISPOSAL METHOD: This material as supplied, is a hazardous waste a	according to federal regulations ( 40 CFR 261)
RCRA HAZARD CLASS: 2.1	

# SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES:

# SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Consumer Commodity HAZARD CLASS: ORM-D ID NUMBER: UN 1950 PACKING GROUP: II LABEL STATEMENT:

NAME OF PRODUCT WATER TRANSPORTATION

PROPER SHIPPING NAME: Aerosols HAZARD CLASS: 2.1 ID NUMBER: PACKING GROUP: LABEL STATEMENTS: UN 1950, Aerosols

AIR TRANSPORTATION PROPER SHIPPING NAME: Aerosols, flamable HAZARD CLASS: 2.1 ID NUMBER: PACKING GROUP: II LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

### SECTION 15: REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS TSCA (TOXIC SUBSTANCE CONTROL ACT): Exempt

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: acute health hazard, cronic health hazard, fire hazard, sudden release of pressure hazzard

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

#### SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

**PREPARATION INFORMATION:** 

DISCLAIMER: The information contained herein is based on the data available to us ands is believed to be correct to the best of our ability. However Chicago Aerosol makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from intentional or nonintentional misuse of this product.

# SAFETY DATA SHEET (SDS)

NAME OF PRODUCT: SERUM

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Curl Serum Bulk Number: GHC021216CS-AJF

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Conditioner for softening Hair. PREPARED BY: STEVE HUDSON DATE PREPARED: 24MAY13

SECTION 1 NOTES:

#### SECTION 2: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** 

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

EYES: Redness, pain. Blurred vision. Burning sensation.

SKIN: Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT:** A proprietary blend of Fatty Quaternary compounds and Fatty Alcohol.

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INGESTION: If swallowed, consult a physician.

INHALATION: N/A

:

SECTION 4 NOTES: N/A

# SAFETY DATA SHEET (SDS)

NAME OF PRODUCT: SERUM

#### WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE: clear coloriess** 

**ODOR: Pleasant** 

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): N/A BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 0.954-0.968

**SOLUBILITY IN WATER: Complete** 

MOLECULAR WEIGHT: VISCOSITY:N/A

SECTION 9 NOTES: N/A

APATION .	40.07	A PART PRAY	AND REACTIVITY
SECONDAL 2	11 S L		
OLOHON	10.011		

<u>STABLE</u>

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available ..

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

# <u>Material Safety Data Sheet</u> Marianna Industries Inc 11222 I St Omaha NE 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY INFOTRAC (800) 457-4280

Created: 9-2013

I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC SURFACE CURL SHAMPOO.

CHEMICAL NAME: N/A

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA:

# II. HAZARDS IDENTIFICATION

Primary route of exposure :. Skin and eyes contact. Symptoms relating to use -- Skin contact : Repeated exposure may cause sensitization due to an allergic reaction of the skin.

Prolonged or repeated contact may cause skin to become dry or cracked.

- Eye contact : Redness, pain. Blurred vision. Burning sensation.

- Ingestion : Abdominal pain, nausea.

# III. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation : Components :			Preparation.			
Substance name Blend of Surfactants	<b>Contents</b> <15	CAS No	EC No	Annex No	Classification	

# IV. FIRST AID MEASURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are

held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

## INHALATION: N/A

**INGESTION**: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

#### **OTHER HEALTH EFFECTS:** N/A

# V. FIRE FIGHTING MEASURES

**PYROPHORIC**: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

**EXTINGUISHING MEDIA**: Will not support combustion

**FIRE FIGHTING INSTRUCTIONS:** Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

# VI. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking. **Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters

sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

# VII. <u>HANDLING AND STORAGE</u>

Stable under normal conditions.

# VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

**EYE PROTECTION:** None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

**OTHER PROTECTION:** None required under normal use

VENTILATION: None required under normal use

# IX PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 220° F

FLASH POINT: N/A

EVAPORATION RATE: N/A

MELTING POINT: N/A VAPOR DENSITY: N/A

SOL. IN WATER: semi soluble SPECIFIC GRAVITY: 0.975-1.025@ 22° C

pH: 3.75-7.00

APPEARANCE/ODOR: Thick Liquid pearly white in color, pleasant fragrance

**STABILITY**: Normally stable

## INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

# HAZARDOUS POLYMERIZATION: N/A

XI TOXICOLOGICAL INFORMATION

None available

XII ECOLOGICAL INFORMATION

Ecological effects information : No data available..

# XIII DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

# XIV TRANSPORT INFORMATION

General Shipping. No known Hazards

# XIV REGULATORY INFORMATION\_

General No known Hazards

## XVI OTHER INFORMATION.

# DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CURL SPRAY GEL Bulk number: GHC011019CSG\_SIV (D)

MANUFACTURER: Marianna Industries Inc. ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211

PRODUCT USE: Holding of Hair PREPARED BY: Ines Vei DATE PREPARED: 10 January 2019

SECTION 1 NOTES:

#### SECTION 2: HAZARDS IDENTIFICATION

#### **EMERGENCY OVERVIEW:**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.\*

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Redness, pain. Blurred vision. Burning sensation.

**SKIN:** Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

SECTION 2 NOTES:

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### **INGREDIENT:**

<u>INGREDIENT</u> Non-hazardous ingredients need not be listed. A proprietary blend of Polymers in a aqueous solution and does not contain any hazardous substances as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

#### SECTION3 NOTES: NA

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

# SAFETY DATA SHEET (SDS)

NAME OF PRODUCT: CURL SPRAY GEL

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

SECTION 4 NOTES: N/A

#### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

# SECTION 6: ACCIDENTAL RELEASE MEASURES

#### ACCIDENTAL RELEASE MEASURES:

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

#### SECTION 6 NOTES: N/A

## SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

#### SECTION 7 NOTES: N/A

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION :** None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

PAGE 2 OF 4

SECTION 8 NOTES: N/A

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colorless to Light Yellow.

**ODOR: Pleasant** 

PHYSICAL STATE: liquid to gel

pH AS SUPPLIED: pH (Other): 7.00-10.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 0.995-1.020

SOLUBILITY IN WATER: Complete

**VISCOSITY:** <10 @22C

SECTION 9 NOTES: N/A

SECTION 10: STABILITY AND REACTIVITY	
STABLE	UNSTABLE
STABILITY: Normally stable	
CONDITIONS TO AVOID (STABILITY): Freezing or High heat.	

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available..

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

# **SAFETY DATA SHEET (SDS)**

NAME OF PRODUCT: CURL SPRAY GEL

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Styling Aide

WATER TRANSPORTATION PROPER SHIPPING NAME: Styling Aide

AIR TRANSPORTATION PROPER SHIPPING NAME: Styling Aide

SECTION 14 NOTES: N/A

**SECTION 15: REGULATORY INFORMATION** 

U.S. FEDERAL REGULATIONS

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

SECTION 16: OTHER INFORMATION

**OTHER INFORMATION:** 

PREPARATION INFORMATION:

#### DISCLAIMER:

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Hair Gel

Emergency Te	Emergency Telephone Number					
CHEMT	REC 800-4	424-9300 U	S			
Telephone Nu	mber Internation	nal (Collect Calls A	(ccepted)			
CHEMTREC 703-527-3887						
Date Prepared	Ł					
07/17/20	12					
entity Informati	on					
CAS	% by	OSHA	ACGIH			
Number	Weight	PEL	TLV			
64-17-5	2.0%	N/E	N/E			
	CHEMT Telephone Nu CHEMT Date Prepared 07/17/20 entity Informati CAS Number	CHEMTREC 800-4 Telephone Number Internation CHEMTREC 703-5 Date Prepared 07/17/2012 Entity Information CAS % by Number % by Weight	CHEMTREC 800-424-9300 U3         Telephone Number International (Collect Calls A         CHEMTREC 703-527-3887         Date Prepared         07/17/2012         entity Information         CAS       % by         Number       Weight       PEL			

EMERGENCY OVERVIEW Type of Hazard : May cause respiratory tract and eye irritation. Route(s) of Entry : Inhalation; Skin Contact; Eye Contact; Ingestion.

# POTENTIAL HEALTH EFFECTS

Inhalation	: Unlikely due to physical form.
Skin Contact	: In rare cases, may cause skin irritation or redness.
Eye Contact	: May cause eye irritation.
Ingestion	: None Known.
Chronic Effects	and Medical Conditions Aggravated By Overexposure: None known.

# Section 4 First Aid Measures

INHALATION: If vapors or fumes cause irritation, remove and expose victim to fresh air. If irritation persists seek medical attention.

SKIN	: Flush with copious amounts of water. If irritation persists, seek medical attention.
EYES	: Flush with copious amounts of water. If irritation persists, seek medical attention.
INGESTION	: Do not ingest. Seek medical attention.

# Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: Not Tested
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CO	2 extinguishing agent, sand.
UNUSUAL FIRE AND EXPLOSION H	AZARDS : None known	
SPECIAL FIRE FIGHTING PROCEDU	JRES : None known	

# PRODUCT IDENTITY (as indicated on label)

# PRODUCT CODE

#### Men's Hair Gel

## Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

### Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

### Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

## Section 9 Physical and Chemical Properties

BOILING RANGE: Not Tex	sted	VAPOR DENSITY:X_HEAVIER LIGHTER, THAN AIR (= 1)		
PERCENT VOLATILE PER VOLUME: 2.5%		EVAPORATION RATE:FASTERXSLOWER, THAN ETHER		
pH :6.0 – 6.5	WEIGHT PE (H <sub>2</sub> O=1)	ER GALLON: 8.08 – 8.41	PECIFIC GRAVITY: 0.97 – 1.01 (H <sub>2</sub> O=1)	
SOLUBILITY IN WATER: Soluble			VISCOSITY : 40,000 – 60,000	

APPEARANCE ODOR

: Viscous Gel : Characteristic

# <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Hair Gel

# Section 10 Stability and Reactivity

STABILITYUnstable X_Stable	HAZARDOUS POLYMERIZATION May Occur X Will Not Occur
INCOMPATIBILITY (Materials to Avoid)	
Strong oxidizers and reducing agents	
HAZARDOUS DECOMPOSITION PROD	DUCTS:
Thermal decomposition may produce low	levels of CO, CO2 and other irritating fumes.
CONDITIONS TO AVOID:	
Extreme heat or freezing temperatures. K	eep away from open flame or any source of electrical sparks.
Section 11 Toxicologic	al Information
-	

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

# Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

#### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD : Waste disposal should be in accordance with existing federal, state and local governmental regulations.

## Section 14 Transport Information

Not regulated by the Department of Transportation (DOT).

# Section 15 Regulatory Information

TSCA: N/A

SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

## Section 16 Other Information

HAZARD RATING: Health 1 - Flammability 0 - Reactivity 0 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

**REVISION DATE: Original** 

DISCLAIMER: This MSDS is designed to provide information and guidance in regards to the use of this product. It is not intended as all-information guideline on a worldwide hazard communication regulations. To the best of our knowledge, all sections comply with applicable, local, state and national MSDS/Hazard Communication Regulations.

This information is furnished without any guarantee. The user of this product needs to understand the conditions of use and must follow directions on the labels provided. Our Company assumes no legal responsibility as a result of misusing this product.

# <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Molding Mud

# PRODUCT CODE

Distributor's Name		Emergency T	elephone Numb	er			
Surface Hair			CHEMTREC 800-424-9300 US				
Address (Number, S	treet, City, State, and ZIP Code)	Telephone Nu	umber Internatio	nal (Collect Calls	s Accepted)		
402 A 1st Ave.	N	CHEMT	REC 703-	527-3887			
Saskatoon, S	K, Canada S7K1X6	Date Prepared 07/17/2012					
Section 2	Hazardous Ingredients/Ider	ntity Informat	ion				
Hazardous Com	ponents	CAS	% by	OSHA	ACGIH		
		Number	Weight	PEL	TLV		
	lentity; Common Name(s)]		opriotory (inf	ormation and	l regerded to		
	ne individual component of this						
	t. However, based upon the he						
	ent at a concentration greater		t, this mixtur	e presents tr	ne following;		
HEALTH H	AZARD : NONE KNOWN	N					
Section 3	Hazards Identification						
EMERGENCY OVER		my tract and a	a irritation				
Type of Ha Route(s) of				o.n.			
Roule(S) OI	Entry . Innalation, Skin Col	filaci, Eye Cor	nacı, myesi	011.			
POTENTIAL HEALT Inhalation		sical form					
Skin Cont			ation or redr	0000			
Eye Conta				1635.			
Ingestion	: None Known.						
•	iffects and Medical Conditions		Ovorovno	ouro: Nona k			
		Aygravateu b	by Overexpo	Sule. None K			
Section 4	First Aid Measures						
INHALATION: If vapattention.	ors or fumes cause irritation, remove an	d expose victim to	fresh air. If irrit	ation persists se	ek medical		
SKIN	: Flush with copious amounts	of water. If irritatior	n persists, seek	medical attention	า.		

EYES	: Flush with copious amounts of water. If irritation persists, seek medical attention.
INGESTION	: Do not ingest. Seek medical attention.

# Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: N/A		
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CO2	extinguishing agent, sand.		
UNUSUAL FIRE AND EXPLOSION HAZARDS : None known				
SPECIAL FIRE FIGHTING PROCEDU	RES : None known			

### <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Molding Mud

### PRODUCT CODE

### Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

### Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

### Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

### Section 9 Physical and Chemical Properties

BOILING RANGE: Not Tested		VAPOR DENSITY:X_HEAVIERLIGHTER, THAN AIR (= 1)		
PERCENT VOLATILE PER VOLUME: 0%		EVAPORATION RATE:FASTERXSLOWER, THAN ETHER		
pH:n/a	WEIGHT PER GALLON: n/a (H <sub>2</sub> O=1) SPECIFIC GRAVITY: n/a (H <sub>2</sub> O=1)			
SOLUBILITY IN WATER:	Soluble		VISCOSITY : n/a	

APPEARANCE : Grayish brown paste gel ODOR : Characteristic

### <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Molding Mud

### PRODUCT CODE

Section 10	Stability and	Reactivity	
STABILITY	Unstable X_Stable	HAZARDOUS POLYMERIZATION May Occur X Will Not Occur	
INCOMPATIBILIT	Y (Materials to Avoid)		
Strong oxidizers ar	nd reducing agents		
HAZARDOUS DE	COMPOSITION PROD	UCTS:	
Thermal decomposition may produce low levels of CO, CO2 and other irritating fumes.			
CONDITIONS TO	AVOID:		
Extreme heat or free	ezing temperatures. K	eep away from open flame or any source of electrical sparks.	
Section 11	Toxicologica	al Information	

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

### Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

#### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD : Waste disposal should be in accordance with existing federal, state and local governmental regulations.

### Section 14 Transport Information

NON- HAZARDOUS . Not regulated by the Department of Transportation (DOT).

### Section 15 Regulatory Information

TSCA: N/A

SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

### Section 16 Other Information

HAZARD RATING: Health 1 - Flammability 0 - Reactivity 0 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

**REVISION DATE: Original** 

DISCLAIMER: This MSDS is designed to provide information and guidance in regards to the use of this product. It is not intended as all-information guideline on a worldwide hazard communication regulations. To the best of our knowledge, all sections comply with applicable, local, state and national MSDS/Hazard Communication Regulations.

This information is furnished without any guarantee. The user of this product needs to understand the conditions of use and must follow directions on the labels provided. Our Company assumes no legal responsibility as a result of misusing this product.

### <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Shampoo & Body Wash

#### Section 1 **Company Identification** Distributor's Name Emergency Telephone Number Surface Hair CHEMTREC 800-424-9300 US Address (Number, Street, City, State, and ZIP Code) Telephone Number International (Collect Calls Accepted) 402 A 1st Ave. N CHEMTREC 703-527-3887 Date Prepared Saskatoon, SK, Canada S7K1X6 06/13/2012 Section 2 Hazardous Ingredients/Identity Information Hazardous Components CAS OSHA ACGIH % by Weight PEL Number TLV [Specific Chemical Identity; Common Name(s)] The identity of the individual component of this mixture is proprietary information and regarded to be a trade secret. However, based upon the health hazard determinations of the contained ingredients present at a concentration greater than 1 percent, this mixture presents the following; HEALTH HAZARD : NONE KNOWN Section 3 **Hazards Identification** EMERGENCY OVERVIEW Type of Hazard : May cause respiratory tract and eye irritation. Route(s) of Entry : Inhalation; Skin Contact; Eye Contact; Ingestion. POTENTIAL HEALTH EFFECTS Inhalation : Unlikely due to physical form. Skin Contact : In rare cases, may cause skin irritation or redness. Eye Contact : May cause eye irritation. Ingestion : None Known. Chronic Effects and Medical Conditions Aggravated By Overexposure: None known. Section 4 First Aid Measures

INHALATION: If vapors or fumes cause irritation, remove and expose victim to fresh air. If irritation persists seek medical attention.

SKIN	: Flush with copious amounts of water. If irritation persists, seek medical attention.
EYES	: Flush with copious amounts of water. If irritation persists, seek medical attention.
INGESTION	: Do not ingest. Seek medical attention.

### Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: >220°F		
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CO	2 extinguishing agent, sand.		
UNUSUAL FIRE AND EXPLOSION HAZARDS : None known				
SPECIAL FIRE FIGHTING PROCEDURES : None known				

### <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Shampoo & Body Wash

### PRODUCT CODE

### Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

### Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

### Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

### Section 9 Physical and Chemical Properties

BOILING RANGE: Not Tested		VAPOR DENSITY:X_HEAVIER LIGHTER, THAN AIR (= 1)			
PERCENT VOLATILE PER WEIGHT: 0%		EVAPORATION RATE:FASTERXSLOWER, THAN ETHER			
pH : 6.0 – 7.0	WEIGHT PER GALLON: 8.3 – 8.5 (H <sub>2</sub> O=1)		SF	PECIFIC GRAVITY: 1.00 – 1.03 (H <sub>2</sub> O=1)	
SOLUBILITY IN WATER: Soluble				VISCOSITY : 5,000 – 9,000	

APPEARANCE : Pearly , white/off-white, viscous cream ODOR : Characteristic

### <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Shampoo & Body Wash

### Section 10 Stability and Reactivity

STABILITY Unstable	HAZARDOUS POLYMERIZATION May Occur
X_Stable	X_ Will Not Occur
INCOMPATIBILITY (Materials to Avoid)	
Strong oxidizers and reducing agents	
HAZARDOUS DECOMPOSITION PROD	DUCTS:
Thermal decomposition may produce low	levels of CO, CO2 and other irritating fumes.
CONDITIONS TO AVOID:	
Extreme heat or freezing temperatures. K	eep away from open flame or any source of electrical sparks.
Section 11 Toxicologic	al Information

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

#### Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

#### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD: Waste disposal should be in accordance with existing federal, state and local governmental regulations.

### Section 14 Transport Information

Finished packaged product transported by ground (DOT): Non hazardous Finished packaged product transported by vessel (IMDG): Non hazardous Finished packaged product transported by air (IATA): Non hazardous

#### Section 15 Regulatory Information

TSCA: N/A SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

Labelling according to EEC Directive: Hazard symbol – Xi, Hazard class Irritant R&S statements R 41-52/53, S 2-26-39-61

### Section 16 Other Information

#### HAZARD RATING: Health 1 - Flammability 0 - Reactivity 0 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

#### **REVISION DATE: original**

DISCLAIMER: This MSDS is designed to provide information and guidance in regards to the use of this product. It is not intended as all-information guideline on a worldwide hazard communication regulations. To the best of our knowledge, all sections comply with applicable, local, state and national MSDS/Hazard Communication Regulations.

This information is furnished without any guarantee. The user of this product needs to understand the conditions of use and must follow directions on the labels provided. Our Company assumes no legal responsibility as a result of misusing this product.

# <u>PRODUCT IDENTITY</u> (as indicated on label) Men's Shaving Cream

Section 1 Company Identification					
Distributor's Name Surface Hair	0,	Emergency Telephone Number			
Address (Number, Street, City, State, and ZIP Code) 402 A 1st Ave. N	Telephone Nu	CHEMTREC 800-424-9300 US Telephone Number International (Collect Calls Accepted) CHEMTREC 703-527-3887			
Saskatoon, SK, Canada S7K1X6	Date Prepared	ł			
Section 2 Hazardous Ingredients/Identi	ty Informati	ion			
Hazardous Components [Specific Chemical Identity; Common Name(s)]	CAS Number	% by Weight	OSHA PEL	ACGIH TLV	
The identity of the individual component of this mixture is proprietary information and regarded					
be a trade secret. However, based upon the health hazard determinations of the contained					
ingredients present at a concentration greater than 1 percent, this mixture presents the following; HEALTH HAZARD : NONE KNOWN					
Section 3 Hazards Identification					
EMERGENCY OVERVIEW Type of Hazard : May cause respiratory tract and eye irritation. Route(s) of Entry : Inhalation; Skin Contact; Eye Contact; Ingestion.					

 POTENTIAL HEALTH EFFECTS

 Inhalation
 :
 Unlikely due to physical form.

 Skin Contact
 :
 In rare cases, may cause skin irritation or redness.

 Eye Contact
 :
 May cause eye irritation.

 Ingestion
 :
 None Known.

 Chronic Effects and Medical Conditions Aggravated By Overexposure: None known.

# Section 4 First Aid Measures

INHALATION: If vapors or fumes cause irritation, remove and expose victim to fresh air. If irritation persists seek medical attention.

SKIN	: Flush with copious amounts of water. If irritation persists, seek medical attention.
EYES	: Flush with copious amounts of water. If irritation persists, seek medical attention.
INGESTION	: Do not ingest. Seek medical attention.

### Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: >220°F		
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CO	2 extinguishing agent, sand.		
UNUSUAL FIRE AND EXPLOSION HAZARDS : None known				
SPECIAL FIRE FIGHTING PROCEDURES : None known				

### <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Shaving Cream

### PRODUCT CODE

### Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

### Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

### Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

### Section 9 Physical and Chemical Properties

BOILING RANGE: Not Tested		VAPOR DENSITY:X_HEAVIER LIGHTER, THAN AIR (= 1)		
PERCENT VOLATILE PER WEIGHT: 0%		EVAPORATION RATE:FASTERXSLOWER, THAN ETHER		
pH : 6.0 – 7.0	WEIGHT PER GALLON: 8.3 – 8.5 (H <sub>2</sub> O=1)		SF	PECIFIC GRAVITY: 1.00 – 1.03 (H <sub>2</sub> O=1)
SOLUBILITY IN WATER: Soluble				VISCOSITY : 120,000 – 140,000

APPEARANCE	:	Pearly, white/off-white,	viscous	cream
ODOR	:	Characteristic		

### <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Shaving Cream

### Section 10 Stability and Reactivity

STABILITYUnstable X Stable	HAZARDOUS POLYMERIZATION May Occur X Will Not Occur
INCOMPATIBILITY (Materials to Avoid)	
Strong oxidizers and reducing agents	
HAZARDOUS DECOMPOSITION PROD	DUCTS:
Thermal decomposition may produce low	levels of CO, CO2 and other irritating fumes.
CONDITIONS TO AVOID:	
Extreme heat or freezing temperatures. K	eep away from open flame or any source of electrical sparks.
Section 11 Toxicologica	al Information

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

#### Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

#### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD: Waste disposal should be in accordance with existing federal, state and local governmental regulations.

### Section 14 Transport Information

Finished packaged product transported by ground (DOT): Non hazardous Finished packaged product transported by vessel (IMDG): Non hazardous Finished packaged product transported by air (IATA): Non hazardous

### Section 15 Regulatory Information

TSCA: N/A SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

Labelling according to EEC Directive: Hazard symbol – Xi, Hazard class Irritant R&S statements R 41-52/53, S 2-26-39-61

### Section 16 Other Information

#### HAZARD RATING: Health 1 - Flammability 0 - Reactivity 0 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

#### **REVISION DATE: original**

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# <u>PRODUCT IDENTITY</u> (as indicated on label) Men's Waxed Out

# PRODUCT CODE

Section 1 Company Identification						
Distributor's Name		Emergency Telephone Number				
Surface Hair		CHEMTREC 800-424-9300 US Telephone Number International (Collect Calls Accepted)				
Address (Number, Street, City, State, and ZIP Code 402 A 1st Ave. N				s Accepted)		
		REC 703-	527-3887			
Saskatoon, SK, Canada S7K1X6	Date Prepared 06/13/20					
Section 2 Hazardous Ingredien						
Hazardous Components	CAS	% by	OSHA	ACGIH		
	Number	Weight	PEL	TLV		
[Specific Chemical Identity; Common Name(s)]	t of this pointure is pre-					
The identity of the individual componen						
be a trade secret. However, based upor						
ingredients present at a concentration g HEALTH HAZARD: NONE K		., this mixtur	e presents tr	ie following,		
HEALTH HAZARD. NONE K						
Section 3 Hazards Identification	)					
Route(s) of Entry : Inhalation; S	kin Contact; Eye Con	itact; Ingesti	on.			
	•			nown.		
Section 4 First Aid Measures						
INHALATION: If vapors or fumes cause irritation, re attention.	move and expose victim to	fresh air. If irrit	ation persists se	ek medical		
SKIN : Flush with copious a	mounts of water. If irritation	ı persists, seek	medical attention	٦.		
EYES : Flush with copious amounts of water. If irritation persists, seek medical attention.						
INGESTION : Do not ingest. Seek	medical attention.					

# Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: N/A
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CO2	extinguishing agent, sand.
UNUSUAL FIRE AND EXPLOSION HA	ZARDS : None known	
SPECIAL FIRE FIGHTING PROCEDU	RES : None known	

### <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Waxed Out

### PRODUCT CODE

### Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

### Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

### Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

Section 9 Physi	cal and Ch	emical Properties				
BOILING RANGE: Not Te	sted	VAPOR DENSITY:X_HEAVIER LIGHTER, THAN AIR (= 1)				
PERCENT VOLATILE PER VOLUME: 0%		EVAPORATION RATE:FA	STERXSLOWER, THAN ETHER			
pH : n/a	WEIGHT PE	ER GALLON: n/a (H <sub>2</sub> O=1)	SPECIFIC GRAVITY: n/a (H <sub>2</sub> O=1)			
SOLUBILITY IN WATER:	Insoluble		VISCOSITY : n/a			

APPEARANCE : Yellow hard wax ODOR : Characteristic

### <u>PRODUCT IDENTITY (as indicated on label)</u> Men's Waxed Out

### PRODUCT CODE

Section 10	Stability and	Reactivity
STABILITY _	Unstable XStable	HAZARDOUS POLYMERIZATION May Occur X Will Not Occur
INCOMPATIBILITY	(Materials to Avoid)	
Strong oxidizers an	d reducing agents	
HAZARDOUS DEC	COMPOSITION PROD	DUCTS:
Thermal decompos	ition may produce low	levels of CO, CO2 and other irritating fumes.
CONDITIONS TO	AVOID:	
Extreme heat or fre	ezing temperatures. K	eep away from open flame or any source of electrical sparks.
Section 11	Toxicologica	al Information

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

### Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

#### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD : Waste disposal should be in accordance with existing federal, state and local governmental regulations.

### Section 14 Transport Information

NON- HAZARDOUS . Not regulated by the Department of Transportation (DOT).

### Section 15 Regulatory Information

TSCA: N/A

SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

### Section 16 Other Information

HAZARD RATING: Health 1 - Flammability 0 - Reactivity 0 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

**REVISION DATE: Original** 

DISCLAIMER: This MSDS is designed to provide information and guidance in regards to the use of this product. It is not intended as all-information guideline on a worldwide hazard communication regulations. To the best of our knowledge, all sections comply with applicable, local, state and national MSDS/Hazard Communication Regulations.

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Revised: 04/06 – J.K.

# I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC Clear Shine

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC073115HCCGJE

II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

	EXPOSURE LIMITS				
NAME	CAS NO. %		PEL	TLV	<u>OTHER</u>
Ammonium Hydroxide	1336-21-6	<0%	50 ppm	35 ppm	
Isopropyl Alcohol	67-63-0	<0%	400 ppm	500 ppm	
May contain one or more of the	ne following cor	nponen	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENO	LSULFATE				
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYE	THYLAMINOP	HENO	L		
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYI	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Section III. Continued					Page 2	
EXPOSURE LIMITS						
<u>NAME</u>	CAS NO.	%	PEL	TLV	<u>OTHER</u>	
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA		
4-CHLORORESORCINOL	95-88-5		NA	NA		
5-AMINO-6-CHLORO-o-CR	ESOL					
	84540-50-1	<3	5 mg/m3	3 mg/m3		
N,N-BIS(2-HYDROXYETHY	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE		
	54381-16-7	<3	NA	NA		
p-AMINOPHENOL	123-30-8	<3	NA	NA		
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA		
m-AMINOPHENOL	591-27-5	<3	NA	NA		
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/8	8h	
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)	
pTOLUENDIAMINE SULFA	ATE					
	615-50-9	<3	NA	NA		
PYROGALLOL	87-66-1	<3	NA	NA		
2-NITRO-P-PHENYLENEDI	AMINE					
	5307-14-2	<3	NA	NA		
4-NITRO-O-PHENYLENED	IAMINE					
	99-56-9	<3	NA	NA		
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA		
HC YELLOW #4	59820-43-8	<3	NA	NA		

### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Liquid, amber to darkest brown in color, strong ammonia odor

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> <u>Continued</u> INHALATION: Remove to fresh air. Not expected to require first aid measures. Page 3

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

# Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

# Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

# Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

# XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

# BOD5 and COD: Not available.

# Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV\_REGULATORY INFORMATION\_

### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

### XVI. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

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# DISCLAIMER

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# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color 3N

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

# CHEMICAL FORMULA: GHC022817HC3N\_AJP

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

<u>NAME</u> Ethyl Alcohol	<u>CAS NO. %</u> 67-63-0 <20 <sup>0</sup>	%	EXPOS <u>PEL</u> 400 ppm	URE LIMITS <u>TLV</u> 500 ppm	<u>OTHER</u>	
May contain one or more of the	ne following con	mponen	ts:			
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3	
2,4-DIAMINOPHENOXYET	HANOL HCl				-	
	66422-95-5	<3	NA	NA		
2-METHYLRESORCINOL	608-25-3	<3	NA	NA		
4-METHYLAMINOPHENO	LSULFATE					
	55-55-0	<3	NA	NA		
2-METHYL-5-HYDROXYE	THYLAMINOR	PHENO	L			
	55302-96-0	<3	NA	NA		
2-AMINO-3-HYDROXYPYRIDINE						
	16867-03-1	<3	NA	NA		
HYDROQUINONE	123-31-9	<3	NA	NA		

Page 1

Section III. Continued					Page 2	
EXPOSURE LIMITS						
NAME	CAS NO.	%	PEL	TLV	<u>OTHER</u>	
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA		
4-CHLORORESORCINOL	95-88-5		NA	NA		
5-AMINO-6-CHLORO-o-CR	ESOL					
	84540-50-1	<3	5 mg/m3	3 mg/m3		
N,N-BIS(2-HYDROXYETH)	YL)-P-PHENY	LENDL	AMINE SULFA	ATE		
	54381-16-7	<3	NA	NA		
p-AMINOPHENOL	123-30-8	<3	NA	NA		
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA		
m-AMINOPHENOL	591-27-5	<3	NA	NA		
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)	
pTOLUENDIAMINE SULFA	ATE					
	615-50-9	<3	NA	NA		
PYROGALLOL	87-66-1	<3	NA	NA		
2-NITRO-P-PHENYLENED	IAMINE					
	5307-14-2	<3	NA	NA		
4-NITRO-O-PHENYLENED	IAMINE					
	99-56-9	<3	NA	NA		
DISPERSE BLUE 3	219-604-2	<3	NA	NA		
HC YELLOW #4	59820-43-8	<3	NA	NA		

### IV. CHEMICAL AND PHYSICAL PROPERTIES

VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

V. HEALTH HAZARD DATA & FIRST AID PROCEDURE
---

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

Section V. Continued

Page 3

INHALATION: Remove to fresh air. Not expected to require first aid measures.

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

# CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

**RESPIRATORY PROTECTION:** None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued Page 4 ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

# Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

### Special Remarks on Chronic Effects on Humans:

May cause adversere productive/teratogeniceffects (fertility, fetoxicity, developmental abnormalities (developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol) **Special Remarks on other Toxic Effects on Humans:** 

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

# XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

# Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

# Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments:

Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV\_REGULATORY INFORMATION\_

### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

# XVI. ADDITIONAL INFORMATION

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# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: Hair Color 5C

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

<u>NAME</u> Ethyl Alcohol	<u>CAS NO. %</u> 67-63-0 <209	%	EXPOS <u>PEL</u> 400 ppm	URE LIMITS <u>TLV</u> 500 ppm	<u>OTHER</u>	
May contain one or more of th	ne following con	nponen	ts:			
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3	
2,4-DIAMINOPHENOXYET	HANOL HCl				-	
	66422-95-5	<3	NA	NA		
2-METHYLRESORCINOL	608-25-3	<3	NA	NA		
4-METHYLAMINOPHENO	LSULFATE					
	55-55-0	<3	NA	NA		
2-METHYL-5-HYDROXYE	THYLAMINOF	PHENO	L			
	55302-96-0	<3	NA	NA		
2-AMINO-3-HYDROXYPYRIDINE						
	16867-03-1	<3	NA	NA		
HYDROQUINONE	123-31-9	<3	NA	NA		

Page 1

Section III. Continued					Page 2
			EXPO	SURE LIMIT	TS
NAME	CAS NO.	%	PEL	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETH	YL)-P-PHENY	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/	/8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ATE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	IAMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

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BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> Continued INHALATION: Remove to fresh air. Not expected to require first aid measures. INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

# Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

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Special Remarks on Toxicity to Animals: Not available.

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Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

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Ecotoxicity: Not available.

# BOD5 and COD: Not available.

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Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

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Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

### For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV\_REGULATORY INFORMATION\_

### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spilllist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

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# SAFETY DATA SHEET

Issuing Date 03OCT18

Revision Date 03OCT18

### Revision Number 1

NGHS / English

1. IDENTIFICATION		
Product identifier		
Product Name	GHC Hair color – Pure Color 5G	
Other means of identification		
Product Code(s)		
Recommended use of the chemical and rest	rictions on use	
Recommended Use	Dying Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data she	<u>et</u>	
Supplier Identification	Marianna Industries	
Address	11222 I Street Omaha Ne 68137 US	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	edelatorre@mariannaind.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	
2. H	AZARDS IDENTIFICATION	
<u>Classification</u>		
Skin sensitization		Categor v 1
Flammable liquids		Category 4

#### **Appearance** Amber to Brown.

Physical state Liquid

### GHS Label elements, including precautionary statements

#### Warning

#### Hazard statements

May cause an allergic skin reaction Combustible Liquid



### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

# **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) **Skin** IF ON SKIN: Wash with plenty of water and soap If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### Other information

Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

### Substance

Not applicable.

### Mixture

Chemical name	CAS-No	Percent	
Ethyl Alcohol	67-63-0	8-18%	
Ethanolamine	141-43-5	0.01-3%	
1-HYDROXETHYL-4,5-DIAMINOPYRAZOLE	155601-30-2	0.01-3%	
SULFATE			
1-NAPHTHOL	90-15-3	0.01-3%	
2,4-DIAMINOPHENOXYETHANOL HCI	66422-95-5	0.01-3%	
2-METHYLRESORCINOL	608-25-3	0.01-3%	
4-METHYLAMINOPHENOLSULFATE	55-55-0	0.01-3%	
2-AMINO-4-HYDROXYETHYLAMINOANISOLE	83763-48-8	0.01-3%	
SULFATE			
2-METHYL-5-HYDROXYETHYLAMINOPHENOL	55302-96-0	0.01-3%	
2-AMINO-3-HYDROXYPYRIDINE	16867-03-1	0.01-3%	
HYDROQUINONE	123-31-9	0.01-3%	
HYDROXYETHYL-p-PHENYLENEDIAMINE	93841-25-9	0.01-3%	
SULFATE			
4-AMINO-2-HYDROXYTOLUENE	2835-95-2	0.01-3%	
4-AMINO-o-CRESOL	2835-99-6	0.01-3%	
4-CHLORORESORCINOL	95-88-5	0.01-3%	
5-AMINO-6-CHLORO-0-CRESOL	84540-50-1	0.01-3%	
N,N-BIS(2-HYDROXYETHYL)-P-	54381-16-7	0.01-3%	
PHENYLENDIAMINE SULFATE			
p-AMINOPHENOL	123-30-8	0.01-3%	
p-AMINO-O-CRESOL	2835-95-2	0.01-3%	
m-AMINOPHENOL	591-27-5	0.01-3%	
p-PHENYLENEDIAMINE	106-50-3	0.01-3%	
RESORCINOL	108-46-3	0.01-3%	

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).
Most important symptoms and effects, both acute	e and delayed
Symptoms	Itching. Rashes. Hives.
Indication of any immediate medical attention and	d special treatment needed
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.
5. FIRE-	FIGHTING MEASURES
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a sensitizer. May cause sensitization by skin contact.
Hazardous Combustion Products	Carbon oxides.
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	None. Yes.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

# 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Methods and material for containment and cleani	ng up
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.
Methods for cleaning up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### Appropriate engineering controls

Engineering	controls
-------------	----------

Showers Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment		
Eye/face protection	Tight sealing safety goggles.	
Hand protection	Wear suitable gloves.	
Skin and body protection	Wear suitable protective clothing.	
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of	

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical and Chemical Properties</u> Physical state Appearance Odor Color Odor Threshold	Liquid Light yellow Pleasant No information available No information available		
<u>Property</u> pH Melting / freezing point	<u>Values</u> 9.00-11.00 No data available	Remarks Method	
Boiling point / boiling range Flash Point Evaporation Rate Flammability (solid, gas)	82 °C / 180 °F 62 C / 144 F No data available No data available	None known None known	
Flammability Limit in Air Upper flammability limit Lower flammability limit	No data available No data available	None known	
Vapor pressure Vapor density Relative density Water Solubility	No data available No data available 1.00 Soluble in water	None known None known	
Solubility(ies) Partition coefficient: n-octanol/wat Autoignition temperature Decomposition temperature	No data available ernot applicable No data available No data available	None known None known None known	
Kinematic viscosity Dynamic viscosity	No data available No data available	None known None known	
Other Information Explosive properties Oxidizing properties Softening Point Molecular Weight	No information available No information available No information available No information available		
VOC Content (%) Liquid Density Bulk Density Particle Size Particle Size Distribution	No information available No information available No information available No information available No information available		
10. STABILITY AND REACTIVITY			
Reactivity	No information available.		
Chemical stability	Stable under normal conditions.		
Possibility of Hazardous Reactions			
Hazardous Polymerization	Hazardous polymerization does not occur.		
Conditions to avoid Incompatible materials	Heat, flames and sparks. None known based on information supplied.		

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	

#### Unknown acute toxicity

13% of the mixture consists of ingredient(s) of unknown toxicity

- 13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# 12. ECOLOGICAL INFORMATION

Ecotoxicity	The environmental impact of this product has not been fully investigated.			
Persistence and Degradability	No information available.			
Bioaccumulation	There is no data for this product.			
Mobility	No information available.			
Other adverse effects	No information available.			
13. DISPOSAL CONSIDERATIONS				
Waste treatment methods				
Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.			
Contaminated packaging	Do not reuse empty containers.			

California	Hazardous	Waste	Codes
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# **14. TRANSPORT INFORMATION**

DOT_	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
<u>MEX</u>	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulated

ADR

Not regulated

ADN

Not regulated

## **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

16. O	THER INFORMATION	
NFPA	Health hazards 2 Flammability 2	Instabi <b>Rhy</b> ysical and Chemical Properties -
HMIS	Health hazards 2 Flammability 2	Physic Selena examples rotection X
Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501	
Revision Date	15-Sep-2017	
Revision Note	No information available	

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

## **End of Safety Data Sheet**

# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: Hair Color 5N

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

<u>NAME</u> Ethyl Alcohol	<u>CAS NO. %</u> 67-63-0 <20	%	EXPOS <u>PEL</u> 400 ppm	URE LIMITS <u>TLV</u> 500 ppm	<u>OTHER</u>
May contain one or more of th	ne following con	mponen	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				-
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENOLSULFATE					
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYETHYLAMINOPHENOL					
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYRIDINE					
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Page 1

Section III. Continued					Page 2
			EXPO	SURE LIMIT	TS
NAME	CAS NO.	%	PEL	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETH	YL)-P-PHENY	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/	/8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFATE					
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	IAMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENEDIAMINE					
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

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BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

## V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

## TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> Continued INHALATION: Remove to fresh air. Not expected to require first aid measures. INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

## XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

## Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

## Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

## Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

## Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

## Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

## XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

## BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

## XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

## For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

## XV\_REGULATORY INFORMATION\_

#### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spilllist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

## XVI. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

## DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# SAFETY DATA SHEET

**Issuing Date** 13NOV18

Flammable liquids

Revision Date 13NOV18

## Revision Number 1

NGHS / English

	1. IDENTIFICATION	
Product identifier		
Product Name	GHC 5NA HAIRCOLOR	
Other means of identification		
Product Code(s) Bulk Number Item Number		
Recommended use of the chemical and re-	strictions on use	
Recommended Use	Dying Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data sh	neet	
Supplier Identification	Marianna Industries	
Address	11222 I Street Omaha Ne 68137 US	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	edelatorre@mariannaind.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	
2.	HAZARDS IDENTIFICATION	
<u>Classification</u>		
Skin sensitization		Categor

Category 4

v 1

Appearance Amber to Brown.

Physical state Liquid

#### GHS Label elements, including precautionary statements

#### Warning

#### Hazard statements

May cause an allergic skin reaction Combustible Liquid



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

#### **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) Skin IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Other information

#### Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

## Mixture

May contain the following.

Chemical name	CAS-No	Percent	
Ethyl Alcohol	67-63-0	8-18%	
Ethanolamine	141-43-5	0.01-3%	
1-NAPHTHOL	90-15-3	0.01-3%	
2,4-DIAMINOPHENOXYETHANOL HCI	66422-95-5	0.01-3%	
2-METHYLRESORCINOL	608-25-3	0.01-3%	
4-	55-55-0	0.01-3%	
METHYLAMINOPHENOLSULFATE			
2-METHYL-5-HYDROXYETHYLAMINOPHENOL	55302-96-0	0.01-3%	
2-AMINO-3-HYDROXYPYRIDINE	16867-03-1	0.01-3%	
HYDROQUINONE	123-31-9	0.01-3%	
4-AMINO-o-CRESOL	2835-95-2	0.01-3%	
4-CHLORORESORCINOL	95-88-5	0.01-3%	
5-AMINO-6-CHLORO-0-CRESOL	84540-50-1	0.01-3%	
N,N-BIS(2-HYDROXYETHYL)-P-	54381-16-7	0.01-3%	
PHENYLENDIAMINE SULFATE			
p-AMINOPHENOL	123-30-8	0.01-3%	
p-AMINO-O-CRESOL	2835-95-2	0.01-3%	
m-AMINOPHENOL	591-27-5	0.01-3%	
p-PHENYLENDIAMINE	106-50-3	0.01-3%	
RESORCINOL	108-46-3	0.01-3%	
pTOLUENDIAMINE SULFATE	615-50-9	0.01-3%	
PYROGALLOL	87-66-1	0.01-3%	
2-NITRO-P-PHENYLENEDIAMINE	5307-14-2	0.01-3%	
4-NITRO-O-PHENYLENEDIAMINE	99-56-9	0.01-3%	
DISPERSE BLUE 3	219-604-2	0.01-3%	
HC YELLOW #4	59820-43-8	0.01-3%	
		· · · · · · · · · · · · · · · · · · ·	·

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.	
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).	
Most important symptoms and effects, both ac	ute and delayed	
Symptoms	Itching. Rashes. Hives.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.	
5. FIR	E-FIGHTING MEASURES	
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.	
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.	
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a	
	sensitizer. May cause sensitization by skin contact.	
Hazardous Combustion Products		
Hazardous Combustion Products Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	sensitizer. May cause sensitization by skin contact.	

# 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Methods and material for containment and clea	ning up
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

Methods for cleaning upTake precautionary measures against static discharges. Dam up. Soak up<br/>with inert absorbent material. Pick up and transfer to properly labeled<br/>containers.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

#### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.		
Appropriate engineering controls			
Engineering controls	Showers Eyewash stations Ventilation systems.		
Individual protection measures, such as personal protective equipment			
Eye/face protection	Tight sealing safety goggles.		
Hand protection	Wear suitable gloves.		
Skin and body protection	Wear suitable protective clothing.		
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.		
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of		

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties			
Physical state	_ Liquid		
Appearance	Light yellow		
Odor	Pleasant		
Color	No information available		
Odor Threshold	No information available		
Property_	Values	Remarks Method	
рН	12.25-13.50		
Melting / freezing point	No data available	None known	
Boiling point / boiling range	82 °C / 180 °F		
Flash Point	62 C / 144 F		
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air		None known	
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Relative density	1.00		
Water Solubility	Soluble in water		
Solubility(ies)	No data available	None known	
Partition coefficient: n-octanol/wate Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Other Information			
Explosive properties	No information available		
Oxidizing properties	No information available		
Softening Point	No information available		
Molecular Weight	No information available		
VOC Content (%)	No information available		
Liquid Density	No information available		
Bulk Density	No information available		
Particle Size	No information available		
Particle Size Distribution	No information available		
10. STABILITY AND REACTIVITY			
Reactivity	No information available.		
Chemical stability	Stable under normal conditions.		
Possibility of Hazardous Reactions	None under normal processing.		
Hazardous Polymerization	Hazardous polymerization does not occur.		
Conditions to avoid	Heat flames and sparks		
	Heat, flames and sparks.		

None known based on information supplied.

Incompatible materials

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	
Unknown acute toxicity	13% of the mixture consists of ingredient(s) of unknown toxicity

## 13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

- 13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# **12. ECOLOGICAL INFORMATION**

No information available.

There is no data for this product.

accordance with environmental legislation.

Do not reuse empty containers.

Ecoto	xicity

The environmental impact of this product has not been fully investigated.

Dispose of in accordance with local regulations. Dispose of waste in

Persistence and Degradability
Bioaccumulation

Mobility

Other adverse effects

No information available. No information available.

## **13. DISPOSAL CONSIDERATIONS**

Waste	treatment	methods	

Waste from residues/unused products

**Contaminated packaging** 

**California Hazardous Waste Codes** 

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# **14. TRANSPORT INFORMATION**

DOT	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
<u>MEX</u>	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulated
ADR	Not regulated
ADN_	Not regulated

## **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.
Contact supplier for inventory compliance status.

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

# **16. OTHER INFORMATION**

NFPA	Health hazards 2	Flammability	2	Instabi <b>Riy</b> ysîcal and Chemical Properties -
<u>HMIS</u>	Health hazards 2	Flammability	2	Physic falen again der of tection X
Prepared By	Product Stewardship 23 British American Blvd Latham, NY 12110 1-800-572-6501			
Revision Date	15-Sep-2017			
Revision Note	No information available			

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

#### **End of Safety Data Sheet**

# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: Hair Color 5NB

## II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

<u>NAME</u> Ethyl Alcohol	<u>CAS NO. %</u> 67-63-0 <20		EXPOS <u>PEL</u> 400 ppm	URE LIMITS <u>TLV</u> 500 ppm	<u>OTHER</u>
May contain one or more of the	ne following co	mponen	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				-
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENO	LSULFATE				
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYE	THYLAMINOI	PHENO	L		
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYI	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Page 1

Section III. Continued					Page 2
			EXPO	SURE LIMIT	TS
NAME	CAS NO.	%	PEL	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETH	YL)-P-PHENY	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/	/8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ATE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	IAMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

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BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

## V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

## TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

Section V. Continued

Page 3

INHALATION: Remove to fresh air. Not expected to require first aid measures.

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

## XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

## Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

## **Chronic Effects on Humans:**

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

## Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

## Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

## Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

## XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

## BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

## XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

## For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

## XV\_REGULATORY INFORMATION\_

#### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

## XVI. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

## DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: Hair Color 5R

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

<u>NAME</u> Ethyl Alcohol	<u>CAS NO. %</u> 67-63-0 <20	%	EXPOS <u>PEL</u> 400 ppm	URE LIMITS <u>TLV</u> 500 ppm	<u>OTHER</u>
May contain one or more of th	ne following con	mponen	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				-
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENO	LSULFATE				
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYE	THYLAMINO	PHENO	L		
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYI	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Page 1

Section III. Continued					Page 2
			EXPO	SURE LIMIT	TS
NAME	CAS NO.	%	PEL	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETH	YL)-P-PHENY	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/	/8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ATE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	IAMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

~

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

## V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

## TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> Continued INHALATION: Remove to fresh air. Not expected to require first aid measures. INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

## XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

## Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

## Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

## Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

## Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

## Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

## XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

## BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

## XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

## For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

## XV\_REGULATORY INFORMATION\_

#### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spilllist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

## XVI. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

## DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# SAFETY DATA SHEET

Issuing Date 02JUL19

Revision Date 02JUL19

## Revision Number 1

NGHS / English

	1. IDENTIFICATION	
Product identifier		
Product Name	GHC SURFACE PURE COLOR 6C	
Other means of identification		
Product Code(s) Bulk Number: 303222 Item Number: 67050		
Recommended use of the chemical and res	strictions on use	
Recommended Use	Dying Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data sh	eet	
Supplier Identification	Marianna Industries	
Address	11222 I Street Omaha Ne 68137 US	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	edelatorre@mariannaind.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	
2.	HAZARDS IDENTIFICATION	
Classification		
Skin sensitization		Categor
Flammable liquids		y 1 Category 4

Appearance Amber to Brown.

Physical state Liquid

#### GHS Label elements, including precautionary statements

#### Warning

#### **Hazard statements**

May cause an allergic skin reaction Combustible Liquid



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

## **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) **Skin** IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Other information

Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

## Mixture

May contain the following.

CAS-No	Percent	
67-63-0	8-18%	
141-43-5	0.01-3%	
90-15-3	0.01-3%	
66422-95-5	0.01-3%	
608-25-3	0.01-3%	
55-55-0	0.01-3%	
55302-96-0	0.01-3%	
16867-03-1	0.01-3%	
123-31-9	0.01-3%	
2835-95-2	0.01-3%	
95-88-5	0.01-3%	
84540-50-1	0.01-3%	
54381-16-7	0.01-3%	
123-30-8	0.01-3%	
2835-95-2	0.01-3%	
591-27-5	0.01-3%	
106-50-3	0.01-3%	
108-46-3	0.01-3%	
615-50-9	0.01-3%	
87-66-1	0.01-3%	
5307-14-2	0.01-3%	
99-56-9	0.01-3%	
219-604-2	0.01-3%	
59820-43-8	0.01-3%	
	67-63-0 141-43-5 90-15-3 66422-95-5 608-25-3 55-55-0 55302-96-0 16867-03-1 123-31-9 2835-95-2 95-88-5 84540-50-1 54381-16-7 123-30-8 2835-95-2 591-27-5 106-50-3 108-46-3 615-50-9 87-66-1 5307-14-2 99-56-9 219-604-2	$\begin{array}{c ccccc} 67-63-0 & 8-18\% \\ \hline 141-43-5 & 0.01-3\% \\ \hline 90-15-3 & 0.01-3\% \\ \hline 66422-95-5 & 0.01-3\% \\ \hline 608-25-3 & 0.01-3\% \\ \hline 55-55-0 & 0.01-3\% \\ \hline 55-55-0 & 0.01-3\% \\ \hline 55302-96-0 & 0.01-3\% \\ \hline 16867-03-1 & 0.01-3\% \\ \hline 123-31-9 & 0.01-3\% \\ \hline 2835-95-2 & 0.01-3\% \\ \hline 95-88-5 & 0.01-3\% \\ \hline 95-88-5 & 0.01-3\% \\ \hline 95-88-5 & 0.01-3\% \\ \hline 54381-16-7 & 0.01-3\% \\ \hline 123-30-8 & 0.01-3\% \\ \hline 123-30-8 & 0.01-3\% \\ \hline 106-50-3 & 0.01-3\% \\ \hline 108-46-3 & 0.01-3\% \\ \hline 108-46-3 & 0.01-3\% \\ \hline 108-46-3 & 0.01-3\% \\ \hline 615-50-9 & 0.01-3\% \\ \hline 87-66-1 & 0.01-3\% \\ \hline 5307-14-2 & 0.01-3\% \\ \hline 99-56-9 & 0.01-3\% \\ \hline 219-604-2 & 0.01-3\% \end{array}$

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.		
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).		
Most important symptoms and effects, both ac	ute and delayed		
Symptoms	Itching. Rashes. Hives.		
Indication of any immediate medical attention and special treatment needed			
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.		
5. FIR	E-FIGHTING MEASURES		
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.		
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.		
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a sensitizer. May cause sensitization by skin contact.		
Hazardous Combustion Products	Carbon oxides.		
Explosion Data			
Sensitivity to Mechanical Impact Sensitivity to Static Discharge	None. Yes.		

# 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.	
Methods and material for containment and cleaning up		
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.	

Methods for cleaning upTake precautionary measures against static discharges. Dam up. Soak up<br/>with inert absorbent material. Pick up and transfer to properly labeled<br/>containers.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

#### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	
Appropriate engineering controls		
Engineering controls	Showers Eyewash stations Ventilation systems.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	Tight sealing safety goggles.	
Hand protection	Wear suitable gloves.	
Skin and body protection	Wear suitable protective clothing.	
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of	

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties		
Physical state	- Liquid	
Appearance	Light yellow	
Odor	Pleasant	
Color	No information available	
Odor Threshold	No information available	
Property	Values	Remarks Method
рН	12.25-13.50	
Melting / freezing point	No data available	None known
Boiling point / boiling range	82 °C / 180 °F	
Flash Point	62 C / 144 F	N
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.00	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wate		
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	
	10. STABILITY AND REACTIVITY	
Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not occur.	
Conditions to avoid	Heat, flames and sparks.	

None known based on information supplied.

Incompatible materials

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	
Unknown acute toxicity	13% of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# **12. ECOLOGICAL INFORMATION**

No information available.

There is no data for this product.

accordance with environmental legislation.

Do not reuse empty containers.

Ecoto	kicity
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The environmental impact of this product has not been fully investigated.

Dispose of in accordance with local regulations. Dispose of waste in

Persistence and Degradability
Bioaccumulation

Mobility

Other adverse effects

No information available. No information available.

## **13. DISPOSAL CONSIDERATIONS**

Waste	treatment	methods	

Waste from residues/unused products

**Contaminated packaging** 

**California Hazardous Waste Codes** 

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# **14. TRANSPORT INFORMATION**

DOT	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulated
ADR	Not regulated
ADN_	Not regulated

## **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.
Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### <u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

## U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

## **16. OTHER INFORMATION**

<u>NFPA</u> <u>HMIS</u>	Health hazards2Health hazards2	Flammability Flammability	Instabi <b>Fib</b> ysîcal and Ch Properties - Physic <b>aldraøarads</b> Protec
Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501		
Revision Date	15-Sep-2017		
Revision Note	No information available		

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

## **End of Safety Data Sheet**

# SAFETY DATA SHEET

Issuing Date 02JUL19

Revision Date 02JUL19

## Revision Number 1

NGHS / English

	1. IDENTIFICATION	
Product identifier		
Product Name	GHC SURFACE PURE COLOR 6G	
Other means of identification		
Product Code(s) Bulk Number: 303241 Item Number: 67052		
Recommended use of the chemical and res	strictions on use	
Recommended Use	Dying Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data sh	eet	
Supplier Identification	Marianna Industries	
Address	11222 I Street Omaha Ne 68137 US	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	edelatorre@mariannaind.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	
2.	HAZARDS IDENTIFICATION	
Classification		
Skin sensitization		Categor
Flammable liquids		y 1 Category 4

Appearance Amber to Brown.

Physical state Liquid

## GHS Label elements, including precautionary statements

### Warning

#### **Hazard statements**

May cause an allergic skin reaction Combustible Liquid



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

## **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) **Skin** IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## Other information

Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

## Mixture

May contain the following.

CAS-No	Percent	
67-63-0	8-18%	
141-43-5	0.01-3%	
90-15-3	0.01-3%	
66422-95-5	0.01-3%	
608-25-3	0.01-3%	
55-55-0	0.01-3%	
55302-96-0	0.01-3%	
16867-03-1	0.01-3%	
123-31-9	0.01-3%	
2835-95-2	0.01-3%	
95-88-5	0.01-3%	
84540-50-1	0.01-3%	
54381-16-7	0.01-3%	
123-30-8	0.01-3%	
2835-95-2	0.01-3%	
591-27-5	0.01-3%	
106-50-3	0.01-3%	
108-46-3	0.01-3%	
615-50-9	0.01-3%	
87-66-1	0.01-3%	
5307-14-2	0.01-3%	
99-56-9	0.01-3%	
219-604-2	0.01-3%	
59820-43-8	0.01-3%	
	67-63-0 141-43-5 90-15-3 66422-95-5 608-25-3 55-55-0 55302-96-0 16867-03-1 123-31-9 2835-95-2 95-88-5 84540-50-1 54381-16-7 123-30-8 2835-95-2 591-27-5 106-50-3 108-46-3 615-50-9 87-66-1 5307-14-2 99-56-9 219-604-2	$\begin{array}{c cccccc} 67-63-0 & 8-18\% \\ \hline 141-43-5 & 0.01-3\% \\ \hline 90-15-3 & 0.01-3\% \\ \hline 66422-95-5 & 0.01-3\% \\ \hline 608-25-3 & 0.01-3\% \\ \hline 55-55-0 & 0.01-3\% \\ \hline 55-55-0 & 0.01-3\% \\ \hline 55302-96-0 & 0.01-3\% \\ \hline 16867-03-1 & 0.01-3\% \\ \hline 123-31-9 & 0.01-3\% \\ \hline 2835-95-2 & 0.01-3\% \\ \hline 95-88-5 & 0.01-3\% \\ \hline 95-88-5 & 0.01-3\% \\ \hline 95-88-5 & 0.01-3\% \\ \hline 54381-16-7 & 0.01-3\% \\ \hline 123-30-8 & 0.01-3\% \\ \hline 123-30-8 & 0.01-3\% \\ \hline 106-50-3 & 0.01-3\% \\ \hline 108-46-3 & 0.01-3\% \\ \hline 108-46-3 & 0.01-3\% \\ \hline 108-46-3 & 0.01-3\% \\ \hline 615-50-9 & 0.01-3\% \\ \hline 87-66-1 & 0.01-3\% \\ \hline 5307-14-2 & 0.01-3\% \\ \hline 99-56-9 & 0.01-3\% \\ \hline 219-604-2 & 0.01-3\% \end{array}$

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.	
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).	
Most important symptoms and effects, both acute and delayed		
Symptoms	Itching. Rashes. Hives.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.	
5. FIR	E-FIGHTING MEASURES	
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.	
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.	
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a sensitizer. May cause sensitization by skin contact.	
Hazardous Combustion Products	Carbon oxides.	
Explosion Data		
Sensitivity to Mechanical Impact Sensitivity to Static Discharge	None. Yes.	

# 6. ACCIDENTAL RELEASE MEASURES

## Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Methods and material for containment and clea	ning up
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

Methods for cleaning upTake precautionary measures against static discharges. Dam up. Soak up<br/>with inert absorbent material. Pick up and transfer to properly labeled<br/>containers.

# 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

## Conditions for safe storage, including any incompatibilities

## Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Appropriate engineering controls	
Engineering controls	Showers Eyewash stations Ventilation systems.
Individual protection measures, such as perso	nal protective equipment
Eye/face protection	Tight sealing safety goggles.
Hand protection	Wear suitable gloves.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties		
Physical state	- Liquid	
Appearance	Light yellow	
Odor	Pleasant	
Color	No information available	
Odor Threshold	No information available	
Property	Values	Remarks Method
рН	12.25-13.50	
Melting / freezing point	No data available	None known
Boiling point / boiling range	82 °C / 180 °F	
Flash Point	62 C / 144 F	N
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.00	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wate		
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	
	10. STABILITY AND REACTIVITY	
Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not occur.	
Conditions to avoid	Heat, flames and sparks.	

None known based on information supplied.

Incompatible materials

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	
Unknown acute toxicity	13% of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# **12. ECOLOGICAL INFORMATION**

No information available.

There is no data for this product.

accordance with environmental legislation.

Do not reuse empty containers.

Ecoto	kicity
-------	--------

The environmental impact of this product has not been fully investigated.

Dispose of in accordance with local regulations. Dispose of waste in

Persistence and Degradability
Bioaccumulation

Mobility

Other adverse effects

No information available. No information available.

## **13. DISPOSAL CONSIDERATIONS**

Waste	treatment	methods	

Waste from residues/unused products

**Contaminated packaging** 

**California Hazardous Waste Codes** 

331

# **14. TRANSPORT INFORMATION**

DOT	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulated
ADR	Not regulated
ADN_	Not regulated

## **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.
Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## US Federal Regulations

## <u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

## U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

## **16. OTHER INFORMATION**

<u>NFPA</u> <u>HMIS</u>	Health hazards2Health hazards2	Flammability Flammability	Instabi <b>Fib</b> ysîcal and Ch Properties - Physic <b>aldraøarads</b> Protec
Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501		
Revision Date	15-Sep-2017		
Revision Note	No information available		

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

## **End of Safety Data Sheet**

# SAFETY DATA SHEET

**Issuing Date** 13NOV18

Revision Date 13NOV18

## Revision Number 1

NGHS / English

	1. IDENTIFICATION	
Product identifier		
Product Name	GHC 6N HAIRCOLOR	
Other means of identification		
Product Code(s) Bulk Number 303143 Item Number		
Recommended use of the chemical and re-	strictions on use	
Recommended Use	Dying Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data sh	neet	
Supplier Identification	Marianna Industries	
Address	11222 I Street Omaha Ne 68137 US	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	edelatorre@mariannaind.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	
2.	HAZARDS IDENTIFICATION	
<u>Classification</u>		
Skin sensitization		Categor

Appearance Amber to Brown.

Physical state Liquid

## GHS Label elements, including precautionary statements

### Warning

#### Hazard statements

May cause an allergic skin reaction Combustible Liquid



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

## **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) Skin IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## Other information

Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Not applicable.

## Mixture

May contain the following.

Chemical name	CAS-No	Percent	
Ethyl Alcohol	67-63-0	8-18%	
Ethanolamine	141-43-5	0.01-3%	
1-NAPHTHOL	90-15-3	0.01-3%	
2,4-DIAMINOPHENOXYETHANOL HCI	66422-95-5	0.01-3%	
2-METHYLRESORCINOL	608-25-3	0.01-3%	
4-	55-55-0	0.01-3%	
METHYLAMINOPHENOLSULFATE			
2-METHYL-5-HYDROXYETHYLAMINOPHENOL	55302-96-0	0.01-3%	
2-AMINO-3-HYDROXYPYRIDINE	16867-03-1	0.01-3%	
HYDROQUINONE	123-31-9	0.01-3%	
4-AMINO-o-CRESOL	2835-95-2	0.01-3%	
4-CHLORORESORCINOL	95-88-5	0.01-3%	
5-AMINO-6-CHLORO-0-CRESOL	84540-50-1	0.01-3%	
N,N-BIS(2-HYDROXYETHYL)-P-	54381-16-7	0.01-3%	
PHENYLENDIAMINE SULFATE			
p-AMINOPHENOL	123-30-8	0.01-3%	
p-AMINO-O-CRESOL	2835-95-2	0.01-3%	
m-AMINOPHENOL	591-27-5	0.01-3%	
p-PHENYLENDIAMINE	106-50-3	0.01-3%	
RESORCINOL	108-46-3	0.01-3%	
pTOLUENDIAMINE SULFATE	615-50-9	0.01-3%	
PYROGALLOL	87-66-1	0.01-3%	
2-NITRO-P-PHENYLENEDIAMINE	5307-14-2	0.01-3%	
4-NITRO-O-PHENYLENEDIAMINE	99-56-9	0.01-3%	
DISPERSE BLUE 3	219-604-2	0.01-3%	
HC YELLOW #4	59820-43-8	0.01-3%	

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).
Most important symptoms and effects, both ac	ute and delayed
Symptoms	Itching. Rashes. Hives.
Indication of any immediate medical attention	and special treatment needed
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.
5. FIR	E-FIGHTING MEASURES
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.
· ····································	
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a
Unsuitable extinguishing media Specific hazards arising from the chemical	CAUTION: Use of water spray when fighting fire may be inefficient. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a sensitizer. May cause sensitization by skin contact.

# 6. ACCIDENTAL RELEASE MEASURES

## Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.		
Methods and material for containment and cleaning up			
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.		

Methods for cleaning upTake precautionary measures against static discharges. Dam up. Soak up<br/>with inert absorbent material. Pick up and transfer to properly labeled<br/>containers.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

## Conditions for safe storage, including any incompatibilities

## Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	
Appropriate engineering controls		
Engineering controls	Showers Eyewash stations Ventilation systems.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	Tight sealing safety goggles.	
Hand protection	Wear suitable gloves.	
Skin and body protection	Wear suitable protective clothing.	
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of	

Incompatible materials

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties		
Physical state	– Liquid	
Appearance	Light yellow	
Odor	Pleasant	
Color	No information available	
Odor Threshold	No information available	
Property_	Values	Remarks Method
рН	12.25-13.50	
Melting / freezing point	No data available	None known
Boiling point / boiling range	82 °C / 180 °F	
Flash Point	62 C / 144 F	<b>N</b> I I
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.00	
Water Solubility	Soluble in water No data available	None known
Solubility(ies) Partition coefficient: n-octanol/wat		None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
_ ,		
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	
	10. STABILITY AND REACTIVITY	
Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not occur.	
Conditions to avoid	Hoat flamos and sparks	
	Heat, flames and sparks.	

None known based on information supplied.

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	
Unknown acute toxicity	13% of the mixture consists of ingredient(s) of unknown toxicity

## 13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

- 13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# **12. ECOLOGICAL INFORMATION**

No information available.

There is no data for this product.

accordance with environmental legislation.

Do not reuse empty containers.

Ecoto	xicity
-------	--------

The environmental impact of this product has not been fully investigated.

Dispose of in accordance with local regulations. Dispose of waste in

Persistence and Degradability
Bioaccumulation

Mobility

Other adverse effects

No information available. No information available.

## **13. DISPOSAL CONSIDERATIONS**

Waste	treatment	methods	

Waste from residues/unused products

**Contaminated packaging** 

**California Hazardous Waste Codes** 

331

# **14. TRANSPORT INFORMATION**

DOT	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

RID	Not regulated
ADR	Not regulated
ADN	Not regulated

## **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.
Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## US Federal Regulations

## <u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

## U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

## **16. OTHER INFORMATION**

NFPA	Health hazards 2 Health hazards 2	Flammability Flammability	InstabilिRityystcal and Chemical Properties - Physic ନିର୍ସାସହେଇଅସ ମେଦtection X
Prepared By	Product Stewardship 23 British American Blvd Latham, NY 12110 1-800-572-6501		
Revision Date	15-Sep-2017		
Revision Note	No information available		

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

## **End of Safety Data Sheet**

# SAFETY DATA SHEET

Issuing Date 02JUL19

Revision Date 02JUL19

## Revision Number 1

NGHS / English

1. IDENTIFICATION		
Product identifier		
Product Name	GHC SURFACE PURE COLOR 6NB	
Other means of identification		
Product Code(s) Bulk Number: 303241 Item Number:		
Recommended use of the chemical and res	strictions on use	
Recommended Use	Dying Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data sh	eet	
Supplier Identification	Marianna Industries	
Address	11222 I Street Omaha Ne 68137 US	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	edelatorre@mariannaind.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	
2.	HAZARDS IDENTIFICATION	
Classification		
Skin sensitization		Categor
Flammable liquids		y 1 Category 4

Appearance Amber to Brown.

Physical state Liquid

## GHS Label elements, including precautionary statements

### Warning

#### **Hazard statements**

May cause an allergic skin reaction Combustible Liquid



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

## **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) **Skin** IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## Other information

Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

## Mixture

May contain the following.

CAS-No	Percent	
67-63-0	8-18%	
141-43-5	0.01-3%	
90-15-3	0.01-3%	
66422-95-5	0.01-3%	
608-25-3	0.01-3%	
55-55-0	0.01-3%	
55302-96-0	0.01-3%	
16867-03-1	0.01-3%	
123-31-9	0.01-3%	
2835-95-2	0.01-3%	
95-88-5	0.01-3%	
84540-50-1	0.01-3%	
54381-16-7	0.01-3%	
123-30-8	0.01-3%	
2835-95-2	0.01-3%	
591-27-5	0.01-3%	
106-50-3	0.01-3%	
108-46-3	0.01-3%	
615-50-9	0.01-3%	
87-66-1	0.01-3%	
5307-14-2	0.01-3%	
99-56-9	0.01-3%	
219-604-2	0.01-3%	
59820-43-8	0.01-3%	
	67-63-0 141-43-5 90-15-3 66422-95-5 608-25-3 55-55-0 55302-96-0 16867-03-1 123-31-9 2835-95-2 95-88-5 84540-50-1 54381-16-7 123-30-8 2835-95-2 591-27-5 106-50-3 108-46-3 615-50-9 87-66-1 5307-14-2 99-56-9 219-604-2	$\begin{array}{c cccccc} 67-63-0 & 8-18\% \\ \hline 141-43-5 & 0.01-3\% \\ \hline 90-15-3 & 0.01-3\% \\ \hline 66422-95-5 & 0.01-3\% \\ \hline 608-25-3 & 0.01-3\% \\ \hline 55-55-0 & 0.01-3\% \\ \hline 55-55-0 & 0.01-3\% \\ \hline 55302-96-0 & 0.01-3\% \\ \hline 16867-03-1 & 0.01-3\% \\ \hline 123-31-9 & 0.01-3\% \\ \hline 2835-95-2 & 0.01-3\% \\ \hline 95-88-5 & 0.01-3\% \\ \hline 95-88-5 & 0.01-3\% \\ \hline 95-88-5 & 0.01-3\% \\ \hline 54381-16-7 & 0.01-3\% \\ \hline 123-30-8 & 0.01-3\% \\ \hline 123-30-8 & 0.01-3\% \\ \hline 106-50-3 & 0.01-3\% \\ \hline 108-46-3 & 0.01-3\% \\ \hline 108-46-3 & 0.01-3\% \\ \hline 108-46-3 & 0.01-3\% \\ \hline 615-50-9 & 0.01-3\% \\ \hline 87-66-1 & 0.01-3\% \\ \hline 5307-14-2 & 0.01-3\% \\ \hline 99-56-9 & 0.01-3\% \\ \hline 219-604-2 & 0.01-3\% \end{array}$

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).
Most important symptoms and effects, both ac	ute and delayed
Symptoms	Itching. Rashes. Hives.
Indication of any immediate medical attention	and special treatment needed
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.
5. FIR	E-FIGHTING MEASURES
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.
Inquitable extinguishing media	
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical	CAUTION: Use of water spray when fighting fire may be inefficient. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a sensitizer. May cause sensitization by skin contact.
	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a sensitizer. May cause sensitization by skin contact.

# 6. ACCIDENTAL RELEASE MEASURES

## Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Methods and material for containment and clea	ning up
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

Methods for cleaning upTake precautionary measures against static discharges. Dam up. Soak up<br/>with inert absorbent material. Pick up and transfer to properly labeled<br/>containers.

# 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

## Conditions for safe storage, including any incompatibilities

## Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Appropriate engineering controls	
Engineering controls	Showers Eyewash stations Ventilation systems.
Individual protection measures, such as perso	nal protective equipment
Eye/face protection	Tight sealing safety goggles.
Hand protection	Wear suitable gloves.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties		
Physical state	- Liquid	
Appearance	Light yellow	
Odor	Pleasant	
Color	No information available	
Odor Threshold	No information available	
Property	Values	Remarks Method
рН	12.25-13.50	
Melting / freezing point	No data available	None known
Boiling point / boiling range	82 °C / 180 °F	
Flash Point	62 C / 144 F	N
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.00	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wate		
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	
	10. STABILITY AND REACTIVITY	
Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not occur.	
Conditions to avoid	Heat, flames and sparks.	

None known based on information supplied.

Incompatible materials

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	
Unknown acute toxicity	13% of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# **12. ECOLOGICAL INFORMATION**

No information available.

There is no data for this product.

accordance with environmental legislation.

Do not reuse empty containers.

Ecoto	kicity
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The environmental impact of this product has not been fully investigated.

Dispose of in accordance with local regulations. Dispose of waste in

Persistence and Degradability
Bioaccumulation

Mobility

Other adverse effects

No information available. No information available.

## **13. DISPOSAL CONSIDERATIONS**

Waste	treatment	methods	

Waste from residues/unused products

**Contaminated packaging** 

**California Hazardous Waste Codes** 

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# **14. TRANSPORT INFORMATION**

DOT	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulated
ADR	Not regulated
ADN_	Not regulated

## **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.
Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## US Federal Regulations

## <u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

## **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

## U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

## **16. OTHER INFORMATION**

<u>NFPA</u> <u>HMIS</u>	Health hazards2Health hazards2	Flammability Flammability		Instabi <b>Fib</b> ysîcal and Ch Properties - Physic <b>aldraøarads</b> Protec
Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501			
Revision Date	15-Sep-2017			
Revision Note	No information available			

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

## **End of Safety Data Sheet**

MATERIAL SAFETY DATA SHEET Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY: Infotrac (800) 457-4280

Revised: 00/00

## I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC 7 Volume Developer

CHEMICAL NAME: Hydrogen Peroxide Aqueous Solution

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC0727157VOLJE

## II. SUMMARY OF HAZARDS

Oxidizer: Contact with combustibles may cause fire. Decomposes yielding oxygen that supports combustion of organic matters and can cause overpressure if confined. Corrosive to eyes, skin, nose, throat and lungs. May cause irreversible tissue damage to eyes including blindness.

## III. HAZARDOUS COMPONENTS

	EXP	OSURE I	LIMITS		
NAME	CAS NO. %	PEL	TLV	<b>OTHER</b>	
Hydrogen Peroxide	7722-84-1 <10.0%	N/A	N/A	N/A	

## IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 103°C	FLASH POINT: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.998-1.010 @ 22°C
pH: 2.50-3.50 @22°C	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Creamy Liquid, white in color with a slightly pungent odor.

TOXICOLOGICAL INFORMATION: Primary Irritative Effect.

## ECOLOGICAL INFORMATION:

Behavior in water treatment plants ---- Hydrogen Peroxide decomposes to oxygen and water. The product does not contain any inorganically bonded Halogen. The product does not contain any heavy metals and compounds from EC directive No. 76/464.

## V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

	TOXICITY DATA
<u>LD50</u>	<u>LC50</u>

CHEMICAL NAME Hydrogen Peroxide

FIRST AID:

EYE CONTACT: Expected to cause eye irritation and / or burns. As a liquid, vapor or aerosol, this product could cause corneal damage, which may occur several days later. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and consult a physician.

SKIN CONTACT: Expected to cause skin irritation and / or burns. As the concentration and / or time of exposure increases, the extent of skin damage increases. In case of contact, remove any contaminated clothing and wash skin with soap and water for at least 15 minutes and consult a physician and / or seek medical attention.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

INHALATION: Expected to be irritating to the respiratory tract. If inhaled, remove to fresh air. Give oxygen if breathing is difficult.

INGESTION: Expected to cause burns to the gastrointestinal tract. If swallowed, do not induce vomiting. Give a glass of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: Medical conditions such as conjunctivitis of the eye, dermatitis of the skin, asthma and respiratory diseases can be aggravated by exposure to this product.

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: Chemical goggles or full – face shield.

PROTECTIVE GLOVES: Neoprene, butyl rubber or vinyl gloves.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure limits listed in Section III by using engineering controls. If not feasible, use a NIOSH approved airpurifying respirator with approved filters and / or absorbents.

Super Star 10 Volume Cream Developer

OTHER PROTECTION: Provide safety shower and eyewash stations in Work Area.

VENTILATION: Refer to "Industrial Ventilation" by ACGIH for a manual of recommended practices.

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water.

## VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER: N/A N/A

EXTINGUISHING MEDIA: <u>**Do NOT**</u> use Carbon Dioxide extinguisher or Organic Compounds on this Material: Use only Water or Appropriate Foam to fight fires in which this material is involved. Apply vast amounts of water or appropriate foam for dilution.

FIRE FIGHTING INSTRUCTIONS: Evacuate area and fight fire from safe distance as in any fire wear self-contained positive pressure breathing apparatus (MSHA/ NIOSH Approved or Equivalent) and full protective gear. Containers can build up pressure if exposed to heat. Cool with Water Spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Strong Oxidizer, contact with combustible materials may cause a fire. Release of oxygen may support combustion. Contact with incompatible materials (e.g. metals, alkalis, and reducing agents) will cause hazardous decomposition resulting in the release in large quantities of heat, steam, and oxygen gas. Exposure to heat may cause hazardous decomposition. Lower Explosive Limit: Hydrogen Peroxide Vapors (Greater than 40% by weight). Product spontaneously decomposes above 150 degrees Celsius. A severe detonation hazard may exist when mixed with organic liquids e.g. (Kerosene or Gasoline).

VIII. REACTIVITY DATA

STABILITY: Stable under normal storage conditions.

INCOMPATIBILITY: Heavy Metals, Heavy Metal Ions/Salts, Rust, Alkali, Organic Compounds, Reducing Agents, Dust and Dirt.

HAZARDOUS PRODUCTS OF THERMAL COMPOSITION: Oxygen, which will support the combustion of flammable materials.

HAZARDOUS POLYMERIZATION: Will Not Occur.

## IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: CERCLA/SARA required notification to the appropriate Federal, State and Local authorities of releases of hazardous or extremely Hazardous quantities equal to or greater than the Reportable Quantities in 40 CFR 302.4 and 40 FR 355.

ACTION TO TAKE FOR SPILLS/LEAKS: Eliminate the source of the spill, wash area with large quantities of water.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

HANDLING: Wash thoroughly after handling. Follow all MSDS / Label precautions even after container is emptied because it may retain product residues. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Do not store near combustible materials. Store in a cool, dry place. Keep container closed when not in use. Recommended container materials: Polyvinyl chloride (rigid PVC). Polyethylene. Polypropylene. Use adequate venting devices on all packages, containers and tanks and check correct operation periodically.

DO NOT confine product in un-vented vessels or between closed valves. Risk of overpressure and bursting due to decomposition in confined spaces and pipes. Polytetrafluroethylene (PTFE), Vanadium Steel: 316 stainless steel, passivated, Aluminum > 99.5%, passivated, Aluminum Magnesium Alloys, passivated. Consult appropriate authorities regarding the storage requirements for liquid oxidizers e.g. NFPA 430.

## XI. SHIPPING INFORMATION

U.S. DOT Transport Information: This is dependent on the Size and % Peroxide Shipped when Shipping and Labeling this Chemical.

Proper Shipping Name: Hydrogen Peroxide Aqueous Solution

Hazard Class: 5.1 Packing Group: III

Transport Label Required: Oxidizer

UN Number if Applicable: UN 2984 ERG. Number: N/A

Additional Markings: Shipping Restrictions: Air forbidden for concentrations greater than 40%

For Concentrations 40% or below: Passenger Aircraft: 1L Max. / pkg. Cargo Aircraft only: 5L Max. / pkg.

If this Chemical does NOT exceed 8% Peroxide content, NO REGULATIONS APPLY.

If this Chemical is Not over a Gallon and is between 8-20 % Peroxide content it qualifies as a Limited Quantity and should be labeled: Consumer Commodity ORM-D

If this Chemical is between 8 - 20 % and is OVER 1 GALLON SIZE it needs the following information: A) 5.1 Placard (Oxidizer)

B) Chemical Name, A Hydrogen Peroxide Label and an UN Number.

Examples of the Hydrogen Peroxide Content via a 10, 20, 30, 40, and 50 Volume Peroxide is as follows: (Approximately): 10 Volume = 3% Peroxide, 20 Volume = 6 % Peroxide

30 Volume = 9 % Peroxide, 40 Volume = 12 % Peroxide and a 50 Volume = 15% Peroxide.

(At this time Marianna Industries, Inc does NOT produce anything over a 50 Volume = 15 % Peroxide Content.

<u>This Material is an oxidizing chemical.</u> HMIS Ratings: Health-3 Flammability – 0 Reactivity – 1

<u>NFPA Ratings: Health-3</u> Flammability -0 Reactivity - 1 THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

## DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color 7B

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: 302705

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

			EXPOSU	<b>RE LIMITS</b>	
NAME	CAS NO.	%	PEL	<u>TLV</u> OTH	<u>IER</u>
Ethyl Alcohol	67-63-0	<20%	400 ppm	500 ppm	
Ethanolamine	141-43-5	<3	3 ppm		
May contain one or more of th	ne following cor	nponent	s:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENOI	LSULFATE				
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYE	ГНҮLAMINOF	HENOI			
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPY	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Section III. Continued					Page 2
			EXPO	SURE LIMIT	ſS
<u>NAME</u>	CAS NO.	%	<u>PEL</u>	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETHY	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/3	8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ΔTE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	AMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

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BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.970 – 0.990 @ 22° C
pH: 10.0 – 11.0 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> <u>Continued</u> INHALATION: Remove to fresh air. Not expected to require first aid measures. INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

### Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# **Chronic Effects on Humans:**

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# **Other Toxic Effects on Humans:**

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

# Special Remarks on Chronic Effects on Humans:

May cause adverse reproductive / teratogeniceffects (fertility, fetoxicity, developmental abnormalities (developmental toxin) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol) **Special Remarks on other Toxic Effects on Humans:** 

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However, breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness, coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

### XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

# BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

### Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV REGULATORY INFORMATION

### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

# XVI. ADDITIONAL INFORMATION

# THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

# DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color 7C

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: 302706

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

			EXPOSU	<b>RE LIMITS</b>	
NAME	CAS NO.	%	PEL	TLV OT	HER
Ethyl Alcohol	67-63-0	<20%	400 ppm	500 ppm	
Ethanolamine	141-43-5	<3	3 ppm		
May contain one or more of th	U	•	s:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENOI	LSULFATE				
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYE	ГНҮLAMINOF	HENOI			
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPY	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Section III. Continued					Page 2
			EXPO	SURE LIMIT	ſS
<u>NAME</u>	CAS NO.	%	<u>PEL</u>	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETHY	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/3	8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ΔTE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	AMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

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BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.970 – 0.990 @ 22° C
pH: 10.0 – 11.0 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> <u>Continued</u> INHALATION: Remove to fresh air. Not expected to require first aid measures. INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

### Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# **Chronic Effects on Humans:**

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# **Other Toxic Effects on Humans:**

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

# Special Remarks on Chronic Effects on Humans:

May cause adverse reproductive / teratogeniceffects (fertility, fetoxicity, developmental abnormalities (developmental toxin) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol) **Special Remarks on other Toxic Effects on Humans:** 

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However, breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness, coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

### XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

# BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

### Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV REGULATORY INFORMATION

### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

# XVI. ADDITIONAL INFORMATION

# THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

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# SAFETY DATA SHEET

Issuing Date 03OCT18

Revision Date 03OCT18

# Revision Number 1

NGHS / English

1. IDENTIFICATION				
Product identifier				
Product Name	GHC Hair color – Pure Color 7G			
Other means of identification				
Product Code(s)				
Recommended use of the chemical and rest	rictions on use			
Recommended Use	Dying Hair			
Restrictions on use	No information available			
Details of the supplier of the safety data she	et			
Supplier Identification	Marianna Industries			
Address	11222 I Street Omaha Ne 68137 US			
Telephone	Phone:4025930211 Fax:4025930614			
E-mail	edelatorre@mariannaind.com			
Emergency telephone number				
Company Emergency Phone Number	4025930211			
2. H	AZARDS IDENTIFICATION			
<u>Classification</u>				
Skin sensitization		Categor v 1		
Flammable liquids		Category 4		

#### **Appearance** Amber to Brown.

Physical state Liquid

#### GHS Label elements, including precautionary statements

#### Warning

#### Hazard statements

May cause an allergic skin reaction Combustible Liquid



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

# **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) **Skin** IF ON SKIN: Wash with plenty of water and soap If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Other information

Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Substance

Not applicable.

### Mixture

Chemical name	CAS-No	Percent	
Ethyl Alcohol	67-63-0	8-18%	
Ethanolamine	141-43-5	0.01-3%	
1-HYDROXETHYL-4,5-DIAMINOPYRAZOLE	155601-30-2	0.01-3%	
SULFATE			
1-NAPHTHOL	90-15-3	0.01-3%	
2,4-DIAMINOPHENOXYETHANOL HCI	66422-95-5	0.01-3%	
2-METHYLRESORCINOL	608-25-3	0.01-3%	
4-METHYLAMINOPHENOLSULFATE	55-55-0	0.01-3%	
2-AMINO-4-HYDROXYETHYLAMINOANISOLE	83763-48-8	0.01-3%	
SULFATE			
2-METHYL-5-HYDROXYETHYLAMINOPHENOL	55302-96-0	0.01-3%	
2-AMINO-3-HYDROXYPYRIDINE	16867-03-1	0.01-3%	
HYDROQUINONE	123-31-9	0.01-3%	
HYDROXYETHYL-p-PHENYLENEDIAMINE	93841-25-9	0.01-3%	
SULFATE			
4-AMINO-2-HYDROXYTOLUENE	2835-95-2	0.01-3%	
4-AMINO-o-CRESOL	2835-99-6	0.01-3%	
4-CHLORORESORCINOL	95-88-5	0.01-3%	
5-AMINO-6-CHLORO-0-CRESOL	84540-50-1	0.01-3%	
N,N-BIS(2-HYDROXYETHYL)-P-	54381-16-7	0.01-3%	
PHENYLENDIAMINE SULFATE			
p-AMINOPHENOL	123-30-8	0.01-3%	
p-AMINO-O-CRESOL	2835-95-2	0.01-3%	
m-AMINOPHENOL	591-27-5	0.01-3%	
p-PHENYLENEDIAMINE	106-50-3	0.01-3%	
RESORCINOL	108-46-3	0.01-3%	

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.	
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).	
Most important symptoms and effects, both acute	e and delayed	
Symptoms	Itching. Rashes. Hives.	
Indication of any immediate medical attention and	d special treatment needed	
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.	
5. FIRE-FIGHTING MEASURES		
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.	
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.	
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a sensitizer. May cause sensitization by skin contact.	
Hazardous Combustion Products	Carbon oxides.	
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	None. Yes.	
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.	

# 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Methods and material for containment and cleani	ng up
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.
Methods for cleaning up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

#### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### Appropriate engineering controls

Engineering	controls
-------------	----------

Showers Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment		
Eye/face protection	Tight sealing safety goggles.	
Hand protection	Wear suitable gloves.	
Skin and body protection	Wear suitable protective clothing.	
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of	

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical and Chemical Properties</u> Physical state Appearance Odor Color Odor Threshold	Liquid Light yellow Pleasant No information available No information available		
<u>Property</u> pH Melting / freezing point	<u>Values</u> 9.00-11.00 No data available	Remarks Method	
Boiling point / boiling range Flash Point Evaporation Rate Flammability (solid, gas)	82 °C / 180 °F 62 C / 144 F No data available No data available	None known None known	
Flammability Limit in Air Upper flammability limit Lower flammability limit	No data available No data available	None known	
Vapor pressure Vapor density Relative density Water Solubility	No data available No data available 1.00 Soluble in water	None known None known	
Solubility(ies) Partition coefficient: n-octanol/wat Autoignition temperature Decomposition temperature	No data available ernot applicable No data available No data available	None known None known None known	
Kinematic viscosity Dynamic viscosity	No data available No data available	None known None known	
Other Information Explosive properties Oxidizing properties Softening Point Molecular Weight	No information available No information available No information available No information available		
VOC Content (%) Liquid Density Bulk Density Particle Size Particle Size Distribution	No information available No information available No information available No information available No information available		
10. STABILITY AND REACTIVITY			
Reactivity	No information available.		
Chemical stability	Stable under normal conditions.		
Possibility of Hazardous Reactions			
Hazardous Polymerization	Hazardous polymerization does not occur.		
Conditions to avoid Incompatible materials	Heat, flames and sparks. None known based on information supplied.		

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	

#### Unknown acute toxicity

13% of the mixture consists of ingredient(s) of unknown toxicity

- 13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# 12. ECOLOGICAL INFORMATION

Ecotoxicity	The environmental impact of this product has not been fully investigated.		
Persistence and Degradability	No information available.		
Bioaccumulation	There is no data for this product.		
Mobility	No information available.		
Other adverse effects	No information available.		
13. DISPOSAL CONSIDERATIONS			
Waste treatment methods			
Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.		
Contaminated packaging	Do not reuse empty containers.		

California	Hazardous	Waste	Codes
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331

# **14. TRANSPORT INFORMATION**

DOT_	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
<u>MEX</u>	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulated

ADR

Not regulated

ADN

Not regulated

# **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

16. O	THER INFORMATION	
NFPA	Health hazards 2 Flammability 2	Instabi <b>Rby</b> ysical and Chemical Properties -
HMIS	Health hazards 2 Flammability 2	Physic Selena e and Protection X
Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501	
Revision Date	15-Sep-2017	
Revision Note	No information available	

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

# **End of Safety Data Sheet**

# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color

CHEMICAL NAME:

2

.

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

# CHEMICAL FORMULA: GHC062316HC7N\_AJP

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

<u>NAME</u> Ethyl Alcohol	<u>CAS NO. %</u> 67-63-0 <20	%	EXPOST <u>PEL</u> 400 ppm	URE LIMITS <u>TLV</u> 500 ppm	<u>OTHER</u>
May contain one or more of the	he following co	mponen	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENOLSULFATE					
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYETHYLAMINOPHENOL					
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYRIDINE					
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Section III. Continued					Page 2
			EXPO	SURE LIMIT	ſS
NAME	CAS NO.	%	<u>PEL</u>	ΓLV	<u>OTHER</u>
4-AMINO-0-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETH	YL)-P-PHENY	LENDI	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/	′8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ATE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	IAMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENEDIAMINE					
	99-56-9	<3	NA	NA	
DISPERSE BLUE 3	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

# IV. CHEMICAL AND PHYSICAL PROPERTIES

VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

Section V. Continued

INHALATION: Remove to fresh air. Not expected to require first aid measures.

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

# DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

# Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# **Other Toxic Effects on Humans:**

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

# permeator).

Special Remarks on Toxicity to Animals: Not available.

# Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

# Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However, breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness, coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

# XII ECOLOGICAL INFORMATION

### Ecotoxicity: Not available.

BOD5 and COD: Not available.

### Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV\_REGULATORY INFORMATION

Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

# XVI. ADDITIONAL INFORMATION

# THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

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# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color 7NB

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: 302707

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

			EXPOSU	<b>RE LIMITS</b>	
NAME	CAS NO.	%	PEL	TLV OT	HER
Ethyl Alcohol	67-63-0	<20%	400 ppm	500 ppm	
Ethanolamine	141-43-5	<3	3 ppm		
May contain one or more of th	ne following cor	nponent	s:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENOLSULFATE					
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYETHYLAMINOPHENOL					
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYRIDINE					
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Section III. Continued					Page 2
			EXPO	SURE LIMIT	ſS
<u>NAME</u>	CAS NO.	%	<u>PEL</u>	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CF	RESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETH	YL)-P-PHENY	LENDL	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/	8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ATE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	IAMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENEDIAMINE					
	99-56-9	<3	NA	NA	
DISPERSE BLUE 3	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.970 – 0.990 @ 22° C
pH: 10.0 – 11.0 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> <u>Continued</u> INHALATION: Remove to fresh air. Not expected to require first aid measures. INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

### Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# **Chronic Effects on Humans:**

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# **Other Toxic Effects on Humans:**

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

# Special Remarks on Chronic Effects on Humans:

May cause adverse reproductive / teratogeniceffects (fertility, fetoxicity, developmental abnormalities (developmental toxin) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol) **Special Remarks on other Toxic Effects on Humans:** 

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However, breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness, coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

### XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

# BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

### Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV REGULATORY INFORMATION

### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

# XVI. ADDITIONAL INFORMATION

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# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color 7R

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: 302704

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

			EXPOSU	RE LIMIT	S
NAME	CAS NO.	%	PEL	TLV	<u>OTHER</u>
Ethyl Alcohol	67-63-0	<20%	400 ppm	500 ppm	
Ethanolamine	141-43-5	<3	3 ppm		
May contain one or more of th	e following con	nponent	s:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				-
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENOLSULFATE					
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYETHYLAMINOPHENOL					
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYRIDINE					
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Section III. Continued					Page 2
			EXPO	SURE LIMIT	ſS
<u>NAME</u>	CAS NO.	%	<u>PEL</u>	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETHY	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/3	8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ΔTE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	AMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENEDIAMINE					
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

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BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.970 – 0.990 @ 22° C
pH: 10.0 – 11.0 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> <u>Continued</u> INHALATION: Remove to fresh air. Not expected to require first aid measures. INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

### Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# **Chronic Effects on Humans:**

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# **Other Toxic Effects on Humans:**

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

# Special Remarks on Chronic Effects on Humans:

May cause adverse reproductive / teratogeniceffects (fertility, fetoxicity, developmental abnormalities (developmental toxin) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol) **Special Remarks on other Toxic Effects on Humans:** 

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Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However, breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness, coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

### XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

# BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

### Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV REGULATORY INFORMATION

### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

# XVI. ADDITIONAL INFORMATION

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# SAFETY DATA SHEET

**Issuing Date** 13NOV18

Revision Date 13NOV18

### Revision Number 1

NGHS / English

1. IDENTIFICATION		
Product identifier		
Product Name	GHC 8N HAIRCOLOR	
Other means of identification		
Product Code(s) Bulk Number Item Number		
Recommended use of the chemical and res	strictions on use	
Recommended Use	Dying Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data sh	eet	
Supplier Identification	Marianna Industries	
Address	11222 I Street Omaha Ne 68137 US	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	edelatorre@mariannaind.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	
2. HAZARDS IDENTIFICATION		
<u>Classification</u>		
Skin sensitization		Categor

Skin sensitization	Categor
	y 1
Flammable liquids	Category 4

Appearance Amber to Brown.

Physical state Liquid

#### GHS Label elements, including precautionary statements

#### Warning

#### Hazard statements

May cause an allergic skin reaction Combustible Liquid



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

#### **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) Skin IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Other information

#### Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Substance

Not applicable.

### Mixture

May contain the following.

Chemical name	CAS-No	Percent	
Ethyl Alcohol	67-63-0	8-18%	
Ethanolamine	141-43-5	0.01-3%	
1-NAPHTHOL	90-15-3	0.01-3%	
2,4-DIAMINOPHENOXYETHANOL HCI	66422-95-5	0.01-3%	
2-METHYLRESORCINOL	608-25-3	0.01-3%	
4-	55-55-0	0.01-3%	
METHYLAMINOPHENOLSULFATE			
2-METHYL-5-HYDROXYETHYLAMINOPHENOL	55302-96-0	0.01-3%	
2-AMINO-3-HYDROXYPYRIDINE	16867-03-1	0.01-3%	
HYDROQUINONE	123-31-9	0.01-3%	
4-AMINO-o-CRESOL	2835-95-2	0.01-3%	
4-CHLORORESORCINOL	95-88-5	0.01-3%	
5-AMINO-6-CHLORO-0-CRESOL	84540-50-1	0.01-3%	
N,N-BIS(2-HYDROXYETHYL)-P-	54381-16-7	0.01-3%	
PHENYLENDIAMINE SULFATE			
p-AMINOPHENOL	123-30-8	0.01-3%	
p-AMINO-O-CRESOL	2835-95-2	0.01-3%	
m-AMINOPHENOL	591-27-5	0.01-3%	
p-PHENYLENDIAMINE	106-50-3	0.01-3%	
RESORCINOL	108-46-3	0.01-3%	
pTOLUENDIAMINE SULFATE	615-50-9	0.01-3%	
PYROGALLOL	87-66-1	0.01-3%	
2-NITRO-P-PHENYLENEDIAMINE	5307-14-2	0.01-3%	
4-NITRO-O-PHENYLENEDIAMINE	99-56-9	0.01-3%	
DISPERSE BLUE 3	219-604-2	0.01-3%	
HC YELLOW #4	59820-43-8	0.01-3%	
		· · · · · · · · · · · · · · · · · · ·	·

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.	
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).	
Most important symptoms and effects, both acute and delayed		
Symptoms	Itching. Rashes. Hives.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.	
5. FIRE-FIGHTING MEASURES		
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.	
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.	
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a	
	sensitizer. May cause sensitization by skin contact.	
Hazardous Combustion Products		
Hazardous Combustion Products Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	sensitizer. May cause sensitization by skin contact.	

# 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.	
Methods and material for containment and cleaning up		
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.	

Methods for cleaning upTake precautionary measures against static discharges. Dam up. Soak up<br/>with inert absorbent material. Pick up and transfer to properly labeled<br/>containers.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

#### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.		
Appropriate engineering controls			
Engineering controls	Showers Eyewash stations Ventilation systems.		
Individual protection measures, such as personal protective equipment			
Eye/face protection	Tight sealing safety goggles.		
Hand protection	Wear suitable gloves.		
Skin and body protection	Wear suitable protective clothing.		
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.		
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of		

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties		
Physical state	_ Liquid	
Appearance	Light yellow	
Odor	Pleasant	
Color	No information available	
Odor Threshold	No information available	
Property_	Values	Remarks Method
рН	12.25-13.50	
Melting / freezing point	No data available	None known
Boiling point / boiling range	82 °C / 180 °F	
Flash Point	62 C / 144 F	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.00	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wate Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	
	10. STABILITY AND REACTIVITY	
Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not occur.	
Conditions to avoid	Heat flames and sparks	
	Heat, flames and sparks.	

None known based on information supplied.

Incompatible materials

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	
Unknown acute toxicity	13% of the mixture consists of ingredient(s) of unknown toxicity

# 13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

- 13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# **12. ECOLOGICAL INFORMATION**

No information available.

There is no data for this product.

accordance with environmental legislation.

Do not reuse empty containers.

Ecoto	xicity

The environmental impact of this product has not been fully investigated.

Dispose of in accordance with local regulations. Dispose of waste in

Persistence and Degradability
Bioaccumulation

Mobility

Other adverse effects

No information available. No information available.

# **13. DISPOSAL CONSIDERATIONS**

Waste	treatment	methods	

Waste from residues/unused products

**Contaminated packaging** 

**California Hazardous Waste Codes** 

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# **14. TRANSPORT INFORMATION**

DOT	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
<u>MEX</u>	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulated
ADR	Not regulated
ADN_	Not regulated

# **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.
Contact supplier for inventory compliance status.

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

# **16. OTHER INFORMATION**

NFPA	Health hazards 2	Flammability	2	Instabi <b>Riy</b> ysîcal and Chemical Properties -
<u>HMIS</u>	Health hazards 2	Flammability	2	Physic falen again der of tection X
Prepared By	Product Stewardship 23 British American Blvd Latham, NY 12110 1-800-572-6501			
Revision Date	15-Sep-2017			
Revision Note	No information available			

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

#### **End of Safety Data Sheet**

# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: Hair Color 9B

# II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

<u>NAME</u> Ethyl Alcohol	<u>CAS NO. %</u> 67-63-0 <20 <sup>6</sup>	%	EXPOS <u>PEL</u> 400 ppm	URE LIMITS <u>TLV</u> 500 ppm	<u>OTHER</u>	
May contain one or more of th	ne following con	mponen	ts:			
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3	
2,4-DIAMINOPHENOXYET	HANOL HCl				-	
	66422-95-5	<3	NA	NA		
2-METHYLRESORCINOL	608-25-3	<3	NA	NA		
4-METHYLAMINOPHENO	LSULFATE					
	55-55-0	<3	NA	NA		
2-METHYL-5-HYDROXYETHYLAMINOPHENOL						
	55302-96-0	<3	NA	NA		
2-AMINO-3-HYDROXYPYRIDINE						
	16867-03-1	<3	NA	NA		
HYDROQUINONE	123-31-9	<3	NA	NA		

Page 1

Section III. Continued					Page 2	
EXPOSURE LIMITS						
<u>NAME</u>	CAS NO.	%	PEL	ΓLV	<u>OTHER</u>	
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA		
4-CHLORORESORCINOL	95-88-5		NA	NA		
5-AMINO-6-CHLORO-o-CR	ESOL					
	84540-50-1	<3	5 mg/m3	3 mg/m3		
N,N-BIS(2-HYDROXYETH	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE		
	54381-16-7	<3	NA	NA		
p-AMINOPHENOL	123-30-8	<3	NA	NA		
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA		
m-AMINOPHENOL	591-27-5	<3	NA	NA		
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/	/8h	
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)	
pTOLUENDIAMINE SULFA	ΔTE					
	615-50-9	<3	NA	NA		
PYROGALLOL	87-66-1	<3	NA	NA		
2-NITRO-P-PHENYLENED	AMINE					
	5307-14-2	<3	NA	NA		
4-NITRO-O-PHENYLENED	IAMINE					
	99-56-9	<3	NA	NA		
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA		
HC YELLOW #4	59820-43-8	<3	NA	NA		

### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

Section V. Continued

INHALATION: Remove to fresh air. Not expected to require first aid measures.

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

**RESPIRATORY PROTECTION:** None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

# Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# **Chronic Effects on Humans:**

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# **Other Toxic Effects on Humans:**

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

### Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

# Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

# XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

# BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV\_REGULATORY INFORMATION\_

#### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spilllist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

# XVI. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

# DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# MATERIAL SAFETY DATA SHEET



Revised: 04/06 – J.K.

# I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: Hair Color 9 Copper

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC011516HC7C\_AJP

II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

	EXPOSURE LIMITS					
NAME	CAS NO. %		PEL	TLV	<b>OTHER</b>	
Ethyl Alcohol	67-63-0 <20	%	400 ppm	500 ppm		
May contain one or more of the	ne following con	mponen	ts:			
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3	
2,4-DIAMINOPHENOXYET	HANOL HCl					
	66422-95-5	<3	NA	NA		
2-METHYLRESORCINOL	608-25-3	<3	NA	NA		
4-METHYLAMINOPHENO	LSULFATE					
	55-55-0	<3	NA	NA		
2-METHYL-5-HYDROXYETHYLAMINOPHENOL						
	55302-96-0	<3	NA	NA		
2-AMINO-3-HYDROXYPYI	RIDINE					
	16867-03-1	<3	NA	NA		
HYDROQUINONE	123-31-9	<3	NA	NA		

Section III. Continued					Page 2
			EXPO	SURE LIMIT	S
<u>NAME</u>	CAS NO.	%	PEL	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETHY	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/8	8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ΔTE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	AMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Liquid, amber to darkest brown in color

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> <u>Continued</u> INHALATION: Remove to fresh air. Not expected to require first aid measures. INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

# Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# **Chronic Effects on Humans:**

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

# Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

# Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However, breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness, coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

# XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

# BOD5 and COD: Not available.

# Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV\_REGULATORY INFORMATION\_

#### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

### XVI. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

# DISCLAIMER

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# MATERIAL SAFETY DATA SHEET



Revised: 04/06 – J.K.

# I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC 9 – Honey Blonde

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC070815HC9GJE

II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

			EXPOS	URE LIMITS	
NAME	CAS NO. %		PEL	TLV	<u>OTHER</u>
Ammonium Hydroxide	1336-21-6	<0%	50 ppm	35 ppm	
Isopropyl Alcohol	67-63-0	<0%	400 ppm	500 ppm	
May contain one or more of the	ne following cor	nponen	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENO	LSULFATE				
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYE	THYLAMINOF	HENO	Ĺ		
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYI	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Section III. Continued					Page 2
			EXPO	SURE LIMIT	ſS
<u>NAME</u>	CAS NO.	%	<u>PEL</u>	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETHY	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/3	8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ΔTE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	AMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Liquid, amber to darkest brown in color, strong ammonia odor

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> <u>Continued</u> INHALATION: Remove to fresh air. Not expected to require first aid measures. Page 3

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

# XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

# Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

# Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

# Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

# Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

# Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

# XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

# BOD5 and COD: Not available.

# Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

# XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

# XV\_REGULATORY INFORMATION

#### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

### XVI. ADDITIONAL INFORMATION

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# SAFETY DATA SHEET



# I. PRODUCT INFORMATION

PRODUCT NAME: Hair Color

CHEMICAL NAME:

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CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC071416HC9N\_AJP

### II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

# III. HAZARDOUS COMPONENTS

<u>NAME</u> Ethyl Alcohol	<u>CAS NO. %</u> 67-63-0 <20		EXPOS <u>PEL</u> 400 ppm	URE LIMITS <u>TLV</u> 500 ppm	<u>OTHER</u>
May contain one or more of the	he following co	mponen	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	'HANOL HCl				
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENO	LSULFATE				
	55-55-0	<3	NA	NA	¥:
2-METHYL-5-HYDROXYE	THYLAMINO	PHENO	L		
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPY	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Page 1

Section III. Continued					Page 2
			EXPO	SURE LIMI	ГS
NAME	CAS NO.	<u>%</u>	<u>PEL</u>	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETH	YL)-P-PHENY	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3	/8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ATE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	IAMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
DISPERSE BLUE 3	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

# IV. CHEMICAL AND PHYSICAL PROPERTIES

VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

# TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

Section V. Continued

INHALATION: Remove to fresh air. Not expected to require first aid measures.

Page 3

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INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued Page 4 ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container. DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

# X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

### XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

### Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

### Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

### Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

### Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

#### Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However, breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness, coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

# XII\_ECOLOGICAL INFORMATION

# Ecotoxicity: Not available.

BOD5 and COD: Not available.

# Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

# XIII DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations

#### XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

#### XV\_REGULATORY INFORMATION

Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

#### XVI. ADDITIONAL INFORMATION

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# SAFETY DATA SHEET

**Issuing Date** 13NOV18

Revision Date 13NOV18

### Revision Number 1

NGHS / English

	1. IDENTIFICATION	
Product identifier		
Product Name	GHC 9NA HAIRCOLOR	
Other means of identification		
Product Code(s) Bulk Number Item Number		
Recommended use of the chemical and re	strictions on use	
Recommended Use	Dying Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data sh	eet	
Supplier Identification	Marianna Industries	
Address	11222 I Street Omaha Ne 68137 US	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	edelatorre@mariannaind.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	
2.	HAZARDS IDENTIFICATION	
<u>Classification</u>		
Skin sensitization		Categor

Category 4

v 1

Appearance Amber to Brown.

Physical state Liquid

#### GHS Label elements, including precautionary statements

#### Warning

#### Hazard statements

May cause an allergic skin reaction Combustible Liquid



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

#### **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) Skin IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Other information

#### Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

# **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Substance

Not applicable.

### Mixture

May contain the following.

Chemical name	CAS-No	Percent	
Ethyl Alcohol	67-63-0	8-18%	
Ethanolamine	141-43-5	0.01-3%	
1-NAPHTHOL	90-15-3	0.01-3%	
2,4-DIAMINOPHENOXYETHANOL HCI	66422-95-5	0.01-3%	
2-METHYLRESORCINOL	608-25-3	0.01-3%	
4-	55-55-0	0.01-3%	
METHYLAMINOPHENOLSULFATE			
2-METHYL-5-HYDROXYETHYLAMINOPHENOL	55302-96-0	0.01-3%	
2-AMINO-3-HYDROXYPYRIDINE	16867-03-1	0.01-3%	
HYDROQUINONE	123-31-9	0.01-3%	
4-AMINO-o-CRESOL	2835-95-2	0.01-3%	
4-CHLORORESORCINOL	95-88-5	0.01-3%	
5-AMINO-6-CHLORO-0-CRESOL	84540-50-1	0.01-3%	
N,N-BIS(2-HYDROXYETHYL)-P-	54381-16-7	0.01-3%	
PHENYLENDIAMINE SULFATE			
p-AMINOPHENOL	123-30-8	0.01-3%	
p-AMINO-O-CRESOL	2835-95-2	0.01-3%	
m-AMINOPHENOL	591-27-5	0.01-3%	
p-PHENYLENDIAMINE	106-50-3	0.01-3%	
RESORCINOL	108-46-3	0.01-3%	
pTOLUENDIAMINE SULFATE	615-50-9	0.01-3%	
PYROGALLOL	87-66-1	0.01-3%	
2-NITRO-P-PHENYLENEDIAMINE	5307-14-2	0.01-3%	
4-NITRO-O-PHENYLENEDIAMINE	99-56-9	0.01-3%	
DISPERSE BLUE 3	219-604-2	0.01-3%	
HC YELLOW #4	59820-43-8	0.01-3%	
		· · · · · · · · · · · · · · · · · · ·	·

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).
Most important symptoms and effects, both ac	ute and delayed
Symptoms	Itching. Rashes. Hives.
Indication of any immediate medical attention	and special treatment needed
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.
5. FIR	E-FIGHTING MEASURES
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a
	sensitizer. May cause sensitization by skin contact.
Hazardous Combustion Products	
Hazardous Combustion Products Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	sensitizer. May cause sensitization by skin contact.

# 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Methods and material for containment and cleaning up	
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

Methods for cleaning upTake precautionary measures against static discharges. Dam up. Soak up<br/>with inert absorbent material. Pick up and transfer to properly labeled<br/>containers.

# 7. HANDLING AND STORAGE

#### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

#### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.	
Appropriate engineering controls		
Engineering controls	Showers Eyewash stations Ventilation systems.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	Tight sealing safety goggles.	
Hand protection	Wear suitable gloves.	
Skin and body protection	Wear suitable protective clothing.	
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of	

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties		
Physical state	_ Liquid	
Appearance	Light yellow	
Odor	Pleasant	
Color	No information available	
Odor Threshold	No information available	
Property_	Values	Remarks Method
рН	12.25-13.50	
Melting / freezing point	No data available	None known
Boiling point / boiling range	82 °C / 180 °F	
Flash Point	62 C / 144 F	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.00	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/wate Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	
	10. STABILITY AND REACTIVITY	
Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not occur.	
Conditions to avoid	Heat flames and sparks	
	Heat, flames and sparks.	

None known based on information supplied.

Incompatible materials

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	
Unknown acute toxicity	13% of the mixture consists of ingredient(s) of unknown toxicity

### 13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

- 13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# **12. ECOLOGICAL INFORMATION**

No information available.

There is no data for this product.

accordance with environmental legislation.

Do not reuse empty containers.

Ecoto	xicity

The environmental impact of this product has not been fully investigated.

Dispose of in accordance with local regulations. Dispose of waste in

Persistence and Degradability
Bioaccumulation

Mobility

Other adverse effects

No information available. No information available.

### **13. DISPOSAL CONSIDERATIONS**

Waste	treatment	methods	

Waste from residues/unused products

**Contaminated packaging** 

**California Hazardous Waste Codes** 

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### **14. TRANSPORT INFORMATION**

DOT	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
<u>MEX</u>	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulated
ADR	Not regulated
ADN_	Not regulated

### **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

Contact supplier for inventory compliance status. Contact supplier for inventory compliance status.
Contact supplier for inventory compliance status.

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

# **16. OTHER INFORMATION**

NFPA	Health hazards 2	Flammability	2	Instabi <b>Riy</b> ysîcal and Chemical Properties -
<u>HMIS</u>	Health hazards 2	Flammability	2	Physic falen again der of tection X
Prepared By	Product Stewardship 23 British American Blvd Latham, NY 12110 1-800-572-6501			
Revision Date	15-Sep-2017			
Revision Note	No information available			

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

#### **End of Safety Data Sheet**

# MATERIAL SAFETY DATA SHEET



Revised: 04/06 – J.K.

### I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC 9NB Butter Blonde

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC072115HC9NBJE

II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

### III. HAZARDOUS COMPONENTS

			EXPOS	URE LIMITS	
NAME	CAS NO. %		PEL	TLV	<u>OTHER</u>
Ammonium Hydroxide	1336-21-6	<0%	50 ppm	35 ppm	
Isopropyl Alcohol	67-63-0	<0%	400 ppm	500 ppm	
May contain one or more of the	ne following cor	nponent	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENO	LSULFATE				
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYE	THYLAMINOP	HENO	Ĺ		
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYI	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Section III. Continued					Page 2
			EXPO	SURE LIMIT	S
<u>NAME</u>	CAS NO.	%	PEL	TLV	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETHY	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/8	3h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ΔTE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENEDI	AMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

#### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Liquid, amber to darkest brown in color, strong ammonia odor

### V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

### TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> <u>Continued</u> INHALATION: Remove to fresh air. Not expected to require first aid measures. Page 3

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

### X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

### XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

### Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

### Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

### Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

### Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

### Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

### XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

### BOD5 and COD: Not available.

### Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

### XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

### XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

### XV\_REGULATORY INFORMATION

#### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

#### XVI. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

### DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# SAFETY DATA SHEET



### I. PRODUCT INFORMATION

PRODUCT NAME: 9R Hair Color

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: Hair Color 9R

### II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

### III. HAZARDOUS COMPONENTS

<u>NAME</u> Ethyl Alcohol	<u>CAS NO. %</u> 67-63-0 <20 <sup>6</sup>	%	EXPOS <u>PEL</u> 400 ppm	URE LIMITS <u>TLV</u> 500 ppm	<u>OTHER</u>
May contain one or more of the	ne following con	mponen	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				-
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENO	LSULFATE				
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYE	THYLAMINOF	PHENO	L		
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYI	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Page 1

Section III. Continued					Page 2	
EXPOSURE LIMITS						
<u>NAME</u>	CAS NO.	%	PEL	ΓLV	<u>OTHER</u>	
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA		
4-CHLORORESORCINOL	95-88-5		NA	NA		
5-AMINO-6-CHLORO-o-CR	ESOL					
	84540-50-1	<3	5 mg/m3	3 mg/m3		
N,N-BIS(2-HYDROXYETH	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE		
	54381-16-7	<3	NA	NA		
p-AMINOPHENOL	123-30-8	<3	NA	NA		
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA		
m-AMINOPHENOL	591-27-5	<3	NA	NA		
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/	/8h	
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)	
pTOLUENDIAMINE SULFA	ΔTE					
	615-50-9	<3	NA	NA		
PYROGALLOL	87-66-1	<3	NA	NA		
2-NITRO-P-PHENYLENED	AMINE					
	5307-14-2	<3	NA	NA		
4-NITRO-O-PHENYLENED	IAMINE					
	99-56-9	<3	NA	NA		
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA		
HC YELLOW #4	59820-43-8	<3	NA	NA		

#### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 1.015 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, light amber liquid; pleasant fragrance

### V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

### TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

Section V. Continued

INHALATION: Remove to fresh air. Not expected to require first aid measures.

Page 3

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

**RESPIRATORY PROTECTION:** None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

### X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

### XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

### Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

### **Chronic Effects on Humans:**

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

### Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

#### Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

### Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

### XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

### BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

### XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

### XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

### XV\_REGULATORY INFORMATION\_

#### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

### XVI. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

### DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

# MATERIAL SAFETY DATA SHEET



Revised: 04/06 – J.K.

### I. PRODUCT INFORMATION

PRODUCT NAME: GHC 9V Violet Platinum Blonde

CHEMICAL NAME:

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC072215HC9VJE

II. SUMMARY OF HAZARDS

Product is a known eye and inhalation irritant. Use gloves and goggles. Product is flammable

### III. HAZARDOUS COMPONENTS

			EXPOS	URE LIMITS	
NAME	CAS NO. %		PEL	TLV	<u>OTHER</u>
Ammonium Hydroxide	1336-21-6	<0%	50 ppm	35 ppm	
Isopropyl Alcohol	67-63-0	<0%	400 ppm	500 ppm	
May contain one or more of the	ne following cor	nponent	ts:		
1-NAPHTHOL	90-15-3	<3	NA	NA	OEL:0.5 mg/m3
2,4-DIAMINOPHENOXYET	HANOL HCl				
	66422-95-5	<3	NA	NA	
2-METHYLRESORCINOL	608-25-3	<3	NA	NA	
4-METHYLAMINOPHENO	LSULFATE				
	55-55-0	<3	NA	NA	
2-METHYL-5-HYDROXYE	THYLAMINOF	HENO	L		
	55302-96-0	<3	NA	NA	
2-AMINO-3-HYDROXYPYI	RIDINE				
	16867-03-1	<3	NA	NA	
HYDROQUINONE	123-31-9	<3	NA	NA	

Page 1

Section III. Continued					Page 2
			EXPO	SURE LIMIT	S
<u>NAME</u>	CAS NO.	%	PEL	<u>TLV</u>	<u>OTHER</u>
4-AMINO-o-CRESOL	2835-95-2	<3	NA	NA	
4-CHLORORESORCINOL	95-88-5		NA	NA	
5-AMINO-6-CHLORO-o-CR	ESOL				
	84540-50-1	<3	5 mg/m3	3 mg/m3	
N,N-BIS(2-HYDROXYETH	YL)-P-PHENYI	LENDIA	AMINE SULFA	TE	
	54381-16-7	<3	NA	NA	
p-AMINOPHENOL	123-30-8	<3	NA	NA	
p-AMINO-O-CRESOL	2835-95-2	<3	NA	NA	
m-AMINOPHENOL	591-27-5	<3	NA	NA	
p-PHENYLENDIAMINE	106-50-3	<3	0,1 mg/m38h	0,1 mg/m3/3	8h
RESORCINOL	108-46-3	<3	45 mg/m3	10 ppm	90 mg/m3 (STEL)
pTOLUENDIAMINE SULFA	ATE				
	615-50-9	<3	NA	NA	
PYROGALLOL	87-66-1	<3	NA	NA	
2-NITRO-P-PHENYLENED	AMINE				
	5307-14-2	<3	NA	NA	
4-NITRO-O-PHENYLENED	IAMINE				
	99-56-9	<3	NA	NA	
<b>DISPERSE BLUE 3</b>	219-604-2	<3	NA	NA	
HC YELLOW #4	59820-43-8	<3	NA	NA	

#### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.985 – 0.992 @ 22° C
pH: 10.5 – 11.5 (neat solution)	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Liquid, amber to darkest brown in color, strong ammonia odor

### V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

### TOXICITY DATA

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

<u>Section V.</u> <u>Continued</u> INHALATION: Remove to fresh air. Not expected to require first aid measures. Page 3

INGESTION: Contact a physician if large amounts are ingested or if irritation develops or persists.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if irritation persists.

PROTECTIVE GLOVES: Wear during use of Hair Color

RESPIRATORY PROTECTION: None required

OTHER PROTECTION: None required

VENTILATION: Normal ventilation adequate

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 32.0 C (TCC)

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear

UNUSUAL FIRE AND EXPLOSION HAZARDS: None under normal conditions.

VIII. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers, strong acids, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these materials.

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: This material is expected to readily biodegrade.

Section VIII. Continued

Page 4

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

### X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

### XI TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

### Toxicity to Animals:

Acute oral toxicity (LD50): 5143 mg/kg (Mouse) (Calculated value for the mixture). Acute dermal toxicity (LD50): 18286 mg/kg

(Rabbit) (Calculated value for the mixture).

### Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.)

by IARC [Isopropyl alcohol]. DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/female, Development toxin

[POSSIBLE] [Isopropyl alcohol]. Contains material which may cause damage to the following organs: kidneys, liver, skin,central nervous system (CNS).

### Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (sensitizer,

permeator).

Special Remarks on Toxicity to Animals: Not available.

### Special Remarks on Chronic Effects on Humans:

Maycauseadversereproductive/teratogeniceffects(fertility,fetoxicity,developme

n t a l abnormalities(developmental toxin)) based on animal studies. Detected in maternal milk in human. (Isopropyl alcohol)

### Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause mild skin irritation, and sensitization.

Eyes: Can cause eye irritation.

Inhalation: Breathing in small amounts of this material during normal handling is not likely to cause harmful effects. However,breathing large amounts may be harmful and may affect the respiratory system and mucous membranes (irritation), behavior and brain (Central nervous system depression - headache, dizziness, drowsiness, stupor, incoordination, unconciousness,coma and possible death), peripheral nerve and senstation, blood, urinary system, and liver. Ingestion: Swallowing smallamouts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Swallowing large amounts may cause gastrointestinal tract irritation with nausea, vomiting and diarrhea, abdominal pain. It also may affect the urinary system, cardiovascular system, sense

### XII ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

### BOD5 and COD: Not available.

### **Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

### XIII DISPOSAL CONSIDERATIONS

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations

### XIV. SHIPPING INFORMATION

For shipments other than by air in less than 1-liter container: Consumer Commodity, ORM-D.

For all other shipments: Isopropanol, 3, UN1219, PGII, Flammable Liquid.

#### XV\_REGULATORY INFORMATION\_

#### Federal and State Regulations:

Connecticut hazardous material survey.: Isopropyl alcohol Illinois toxic substances disclosure to employee act: Isopropyl

alcohol Rhode Island RTK hazardous substances: Isopropyl alcohol Pennsylvania RTK: Isopropyl alcohol Florida: Isopropylalcohol Minnesota: Isopropyl alcohol Massachusetts RTK: Isopropyl alcohol New Jersey: Isopropyl alcohol New Jersey spillist: Isopropyl alcohol TSCA 8(b) inventory: Isopropyl alcohol; Water TSCA 4(a) final testing order: Isopropyl alcohol TSCA 8(a)

IUR: Isopropyl alcohol TSCA 8(d) H and S data reporting: Isopropyl alcohol: Effective date: 12/15/86 Sunset Date: 12/15/96 TSCA 12(b) one time export: Isopropyl alcohol SARA 313 toxic chemical notification and release reporting: Isopropyl alcohol 70%

#### XVI. ADDITIONAL INFORMATION

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# SAFETY DATA SHEET

Issuing Date 03OCT18

Revision Date 03OCT18

#### Revision Number 1

NGHS / English

1. IDENTIFICATION					
Product identifier					
Product Name	GHC Hair color – Pure Color 9WG				
Other means of identification					
Product Code(s)					
Recommended use of the chemical and rest	rictions on use				
Recommended Use	Dying Hair				
Restrictions on use	No information available				
Details of the supplier of the safety data she	et				
Supplier Identification	Marianna Industries				
Address	11222 I Street Omaha Ne 68137 US				
Telephone	Phone:4025930211 Fax:4025930614				
E-mail	edelatorre@mariannaind.com				
Emergency telephone number					
Company Emergency Phone Number	4025930211				
2. H	AZARDS IDENTIFICATION				
<u>Classification</u>					
Skin sensitization		Categor v 1			
Flammable liquids		Category 4			

#### **Appearance** Amber to Brown.

Physical state Liquid

#### GHS Label elements, including precautionary statements

#### Warning

#### Hazard statements

May cause an allergic skin reaction Combustible Liquid



#### **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Keep away from flames and hot surfaces. - No smoking Wear protective gloves/eye protection/face protection

### **Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label) **Skin** IF ON SKIN: Wash with plenty of water and soap If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

#### Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Other information

Unknown acute toxicity

13 % of the mixture consists of ingredient(s) of unknown toxicity

13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Substance

Not applicable.

#### Mixture

Chemical name	CAS-No	Percent	
Ethyl Alcohol	67-63-0	8-18%	
Ethanolamine	141-43-5	0.01-3%	
1-HYDROXETHYL-4,5-DIAMINOPYRAZOLE	155601-30-2	0.01-3%	
SULFATE			
1-NAPHTHOL	90-15-3	0.01-3%	
2,4-DIAMINOPHENOXYETHANOL HCI	66422-95-5	0.01-3%	
2-METHYLRESORCINOL	608-25-3	0.01-3%	
4-METHYLAMINOPHENOLSULFATE	55-55-0	0.01-3%	
2-AMINO-4-HYDROXYETHYLAMINOANISOLE	83763-48-8	0.01-3%	
SULFATE			
2-METHYL-5-HYDROXYETHYLAMINOPHENOL	55302-96-0	0.01-3%	
2-AMINO-3-HYDROXYPYRIDINE	16867-03-1	0.01-3%	
HYDROQUINONE	123-31-9	0.01-3%	
HYDROXYETHYL-p-PHENYLENEDIAMINE	93841-25-9	0.01-3%	
SULFATE			
4-AMINO-2-HYDROXYTOLUENE	2835-95-2	0.01-3%	
4-AMINO-o-CRESOL	2835-99-6	0.01-3%	
4-CHLORORESORCINOL	95-88-5	0.01-3%	
5-AMINO-6-CHLORO-0-CRESOL	84540-50-1	0.01-3%	
N,N-BIS(2-HYDROXYETHYL)-P-	54381-16-7	0.01-3%	
PHENYLENDIAMINE SULFATE			
p-AMINOPHENOL	123-30-8	0.01-3%	
p-AMINO-O-CRESOL	2835-95-2	0.01-3%	
m-AMINOPHENOL	591-27-5	0.01-3%	
p-PHENYLENEDIAMINE	106-50-3	0.01-3%	
RESORCINOL	108-46-3	0.01-3%	

# 4. FIRST AID MEASURES

First aid measures	
General advice Inhalation	Show this safety data sheet to the doctor in attendance. Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water.		
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).		
Most important symptoms and effects, both acute	e and delayed		
Symptoms	Itching. Rashes. Hives.		
Indication of any immediate medical attention and special treatment needed			
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.		
5. FIRE-	FIGHTING MEASURES		
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.		
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.		
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Product is or contains a sensitizer. May cause sensitization by skin contact.		
Hazardous Combustion Products	Carbon oxides.		
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	None. Yes.		
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.		

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.		
Methods and material for containment and cleaning up			
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.		
Methods for cleaning up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.		

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

#### Advice on safe handling

Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

#### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### Appropriate engineering controls

Engineering	controls
-------------	----------

Showers Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment		
Eye/face protection	Tight sealing safety goggles.	
Hand protection	Wear suitable gloves.	
Skin and body protection	Wear suitable protective clothing.	
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of	

equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical and Chemical Properties</u> Physical state Appearance Odor Color Odor Threshold	Liquid Light yellow Pleasant No information available No information available		
<u>Property</u> pH Melting / freezing point	<u>Values</u> 9.00-11.00 No data available	Remarks Method	
Boiling point / boiling range Flash Point Evaporation Rate Flammability (solid, gas)	82 °C / 180 °F 62 C / 144 F No data available No data available	None known None known	
Flammability Limit in Air Upper flammability limit Lower flammability limit	No data available No data available	None known	
Vapor pressure Vapor density Relative density Water Solubility	No data available No data available 1.00 Soluble in water	None known None known	
Solubility(ies) Partition coefficient: n-octanol/wat Autoignition temperature Decomposition temperature	No data available ernot applicable No data available No data available	None known None known None known	
Kinematic viscosity Dynamic viscosity	No data available No data available	None known None known	
Other Information Explosive properties Oxidizing properties Softening Point Molecular Weight	No information available No information available No information available No information available		
VOC Content (%) Liquid Density Bulk Density Particle Size Particle Size Distribution	No information available No information available No information available No information available No information available		
10. STABILITY AND REACTIVITY			
Reactivity	No information available.		
Chemical stability	Stable under normal conditions.		
Possibility of Hazardous Reactions			
Hazardous Polymerization	Hazardous polymerization does not occur.		
Conditions to avoid Incompatible materials	Heat, flames and sparks. None known based on information supplied.		

**Hazardous Decomposition Products** 

Carbon oxides.

# **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	
Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.
Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	

#### Unknown acute toxicity

13% of the mixture consists of ingredient(s) of unknown toxicity

- 13 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 13 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Third Party Formulation (TP # 1380601)	= 2600 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# 12. ECOLOGICAL INFORMATION

Ecotoxicity	The environmental impact of this product has not been fully investigated.		
Persistence and Degradability	No information available.		
Bioaccumulation	There is no data for this product.		
Mobility	No information available.		
Other adverse effects	No information available.		
13. DISPOSAL CONSIDERATIONS			
Waste treatment methods			
Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.		
Contaminated packaging	Do not reuse empty containers.		

California	Hazardous	Waste	Codes
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# **14. TRANSPORT INFORMATION**

DOT_	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
TDG	Not regulated
<u>MEX</u>	Not regulated
ICAO	Not regulated
IATA_	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
IMDG/IMO	Not regulated
Hazard Class	N/A

<u>RID</u>	Not regulate	

ADR

Not regulated

ADN

Not regulated

### **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

16. OTHER INFORMATION			
NFPA	Health hazards 2 Flammability 2	Instabi <b>Rby</b> ysical and Chemical Properties -	
HMIS	Health hazards 2 Flammability 2	Physic Selena e and Protection X	
Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501		
Revision Date	15-Sep-2017		
Revision Note	No information available		

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

#### **End of Safety Data Sheet**

MATERIAL SAFETY DATA SHEET Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY: Infotrac (800) 457-4280

Revised: 00/00

### I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC 20 Volume Developer

CHEMICAL NAME: Hydrogen Peroxide Aqueous Solution

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC07241520VOLJE

### II. SUMMARY OF HAZARDS

Oxidizer: Contact with combustibles may cause fire. Decomposes yielding oxygen that supports combustion of organic matters and can cause overpressure if confined. Corrosive to eyes, skin, nose, throat and lungs. May cause irreversible tissue damage to eyes including blindness.

### III. HAZARDOUS COMPONENTS

	EXP	OSURE L	LIMITS		
NAME	CAS NO. %	PEL	TLV	<b>OTHER</b>	
Hydrogen Peroxide	7722-84-1 <10.0%	N/A	N/A	N/A	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 103°C	FLASH POINT: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.998-1.010 @ 22°C
pH: 2.50-3.50 @22°C	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Creamy Liquid, white in color with a slightly pungent odor.

TOXICOLOGICAL INFORMATION: Primary Irritative Effect.

### ECOLOGICAL INFORMATION:

Behavior in water treatment plants ---- Hydrogen Peroxide decomposes to oxygen and water. The product does not contain any inorganically bonded Halogen. The product does not contain any heavy metals and compounds from EC directive No. 76/464.

### V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

	TOXICITY DATA
<u>LD50</u>	<u>LC50</u>

CHEMICAL NAME Hydrogen Peroxide

FIRST AID:

EYE CONTACT: Expected to cause eye irritation and / or burns. As a liquid, vapor or aerosol, this product could cause corneal damage, which may occur several days later. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and consult a physician.

SKIN CONTACT: Expected to cause skin irritation and / or burns. As the concentration and / or time of exposure increases, the extent of skin damage increases. In case of contact, remove any contaminated clothing and wash skin with soap and water for at least 15 minutes and consult a physician and / or seek medical attention.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

INHALATION: Expected to be irritating to the respiratory tract. If inhaled, remove to fresh air. Give oxygen if breathing is difficult.

INGESTION: Expected to cause burns to the gastrointestinal tract. If swallowed, do not induce vomiting. Give a glass of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: Medical conditions such as conjunctivitis of the eye, dermatitis of the skin, asthma and respiratory diseases can be aggravated by exposure to this product.

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: Chemical goggles or full – face shield.

PROTECTIVE GLOVES: Neoprene, butyl rubber or vinyl gloves.

**RESPIRATORY PROTECTION:** Atmospheric levels should be maintained below the exposure limits listed in Section III by using engineering controls. If not feasible, use a NIOSH approved airpurifying respirator with approved filters and / or absorbents.

Super Star 10 Volume Cream Developer

OTHER PROTECTION: Provide safety shower and eyewash stations in Work Area.

VENTILATION: Refer to "Industrial Ventilation" by ACGIH for a manual of recommended practices.

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water.

### VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER: N/A N/A

EXTINGUISHING MEDIA: <u>**Do NOT**</u> use Carbon Dioxide extinguisher or Organic Compounds on this Material: Use only Water or Appropriate Foam to fight fires in which this material is involved. Apply vast amounts of water or appropriate foam for dilution.

FIRE FIGHTING INSTRUCTIONS: Evacuate area and fight fire from safe distance as in any fire wear self-contained positive pressure breathing apparatus (MSHA/ NIOSH Approved or Equivalent) and full protective gear. Containers can build up pressure if exposed to heat. Cool with Water Spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Strong Oxidizer, contact with combustible materials may cause a fire. Release of oxygen may support combustion. Contact with incompatible materials (e.g. metals, alkalis, and reducing agents) will cause hazardous decomposition resulting in the release in large quantities of heat, steam, and oxygen gas. Exposure to heat may cause hazardous decomposition. Lower Explosive Limit: Hydrogen Peroxide Vapors (Greater than 40% by weight). Product spontaneously decomposes above 150 degrees Celsius. A severe detonation hazard may exist when mixed with organic liquids e.g. (Kerosene or Gasoline).

VIII. REACTIVITY DATA

STABILITY: Stable under normal storage conditions.

INCOMPATIBILITY: Heavy Metals, Heavy Metal Ions/Salts, Rust, Alkali, Organic Compounds, Reducing Agents, Dust and Dirt.

HAZARDOUS PRODUCTS OF THERMAL COMPOSITION: Oxygen, which will support the combustion of flammable materials.

HAZARDOUS POLYMERIZATION: Will Not Occur.

### IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: CERCLA/SARA required notification to the appropriate Federal, State and Local authorities of releases of hazardous or extremely Hazardous quantities equal to or greater than the Reportable Quantities in 40 CFR 302.4 and 40 FR 355.

ACTION TO TAKE FOR SPILLS/LEAKS: Eliminate the source of the spill, wash area with large quantities of water.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

### X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

HANDLING: Wash thoroughly after handling. Follow all MSDS / Label precautions even after container is emptied because it may retain product residues. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Do not store near combustible materials. Store in a cool, dry place. Keep container closed when not in use. Recommended container materials: Polyvinyl chloride (rigid PVC). Polyethylene. Polypropylene. Use adequate venting devices on all packages, containers and tanks and check correct operation periodically.

DO NOT confine product in un-vented vessels or between closed valves. Risk of overpressure and bursting due to decomposition in confined spaces and pipes. Polytetrafluroethylene (PTFE), Vanadium Steel: 316 stainless steel, passivated, Aluminum > 99.5%, passivated, Aluminum Magnesium Alloys, passivated. Consult appropriate authorities regarding the storage requirements for liquid oxidizers e.g. NFPA 430.

### XI. SHIPPING INFORMATION

U.S. DOT Transport Information: This is dependent on the Size and % Peroxide Shipped when Shipping and Labeling this Chemical.

Proper Shipping Name: Hydrogen Peroxide Aqueous Solution

Hazard Class: 5.1 Packing Group: III

Transport Label Required: Oxidizer

UN Number if Applicable: UN 2984 ERG. Number: N/A

Additional Markings: Shipping Restrictions: Air forbidden for concentrations greater than 40%

For Concentrations 40% or below: Passenger Aircraft: 1L Max. / pkg. Cargo Aircraft only: 5L Max. / pkg.

If this Chemical does NOT exceed 8% Peroxide content, NO REGULATIONS APPLY.

If this Chemical is Not over a Gallon and is between 8-20 % Peroxide content it qualifies as a Limited Quantity and should be labeled: Consumer Commodity ORM-D

If this Chemical is between 8 - 20 % and is OVER 1 GALLON SIZE it needs the following information: A) 5.1 Placard (Oxidizer)

B) Chemical Name, A Hydrogen Peroxide Label and an UN Number.

Examples of the Hydrogen Peroxide Content via a 10, 20, 30, 40, and 50 Volume Peroxide is as follows: (Approximately): 10 Volume = 3% Peroxide, 20 Volume = 6 % Peroxide

30 Volume = 9 % Peroxide, 40 Volume = 12 % Peroxide and a 50 Volume = 15% Peroxide.

(At this time Marianna Industries, Inc does NOT produce anything over a 50 Volume = 15 % Peroxide Content.

<u>This Material is an oxidizing chemical.</u> HMIS Ratings: Health-3 Flammability – 0 Reactivity – 1

<u>NFPA Ratings: Health-3</u> Flammability -0 Reactivity - 1 THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

#### DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

MATERIAL SAFETY DATA SHEET Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY: Infotrac (800) 457-4280

Revised: 00/00

### I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC 30 Volume Developer

CHEMICAL NAME: Hydrogen Peroxide Aqueous Solution

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC07221530VOLJE

### II. SUMMARY OF HAZARDS

Oxidizer: Contact with combustibles may cause fire. Decomposes yielding oxygen that supports combustion of organic matters and can cause overpressure if confined. Corrosive to eyes, skin, nose, throat and lungs. May cause irreversible tissue damage to eyes including blindness.

### III. HAZARDOUS COMPONENTS

	EXP	OSURE I	LIMITS		
NAME	CAS NO. %	PEL	TLV	<b>OTHER</b>	
Hydrogen Peroxide	7722-84-1 <10.0%	N/A	N/A	N/A	

### IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 103°C	FLASH POINT: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.998-1.010 @ 22°C
pH: 2.50-3.50 @22°C	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Creamy Liquid, white in color with a slightly pungent odor.

TOXICOLOGICAL INFORMATION: Primary Irritative Effect.

# ECOLOGICAL INFORMATION:

Behavior in water treatment plants ---- Hydrogen Peroxide decomposes to oxygen and water. The product does not contain any inorganically bonded Halogen. The product does not contain any heavy metals and compounds from EC directive No. 76/464.

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

	TOXICITY DATA
<u>LD50</u>	<u>LC50</u>

CHEMICAL NAME Hydrogen Peroxide

FIRST AID:

EYE CONTACT: Expected to cause eye irritation and / or burns. As a liquid, vapor or aerosol, this product could cause corneal damage, which may occur several days later. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and consult a physician.

SKIN CONTACT: Expected to cause skin irritation and / or burns. As the concentration and / or time of exposure increases, the extent of skin damage increases. In case of contact, remove any contaminated clothing and wash skin with soap and water for at least 15 minutes and consult a physician and / or seek medical attention.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

INHALATION: Expected to be irritating to the respiratory tract. If inhaled, remove to fresh air. Give oxygen if breathing is difficult.

INGESTION: Expected to cause burns to the gastrointestinal tract. If swallowed, do not induce vomiting. Give a glass of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: Medical conditions such as conjunctivitis of the eye, dermatitis of the skin, asthma and respiratory diseases can be aggravated by exposure to this product.

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: Chemical goggles or full – face shield.

PROTECTIVE GLOVES: Neoprene, butyl rubber or vinyl gloves.

**RESPIRATORY PROTECTION:** Atmospheric levels should be maintained below the exposure limits listed in Section III by using engineering controls. If not feasible, use a NIOSH approved airpurifying respirator with approved filters and / or absorbents.

Super Star 10 Volume Cream Developer

OTHER PROTECTION: Provide safety shower and eyewash stations in Work Area.

VENTILATION: Refer to "Industrial Ventilation" by ACGIH for a manual of recommended practices.

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water.

# VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER: N/A N/A

EXTINGUISHING MEDIA: <u>**Do NOT**</u> use Carbon Dioxide extinguisher or Organic Compounds on this Material: Use only Water or Appropriate Foam to fight fires in which this material is involved. Apply vast amounts of water or appropriate foam for dilution.

FIRE FIGHTING INSTRUCTIONS: Evacuate area and fight fire from safe distance as in any fire wear self-contained positive pressure breathing apparatus (MSHA/ NIOSH Approved or Equivalent) and full protective gear. Containers can build up pressure if exposed to heat. Cool with Water Spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Strong Oxidizer, contact with combustible materials may cause a fire. Release of oxygen may support combustion. Contact with incompatible materials (e.g. metals, alkalis, and reducing agents) will cause hazardous decomposition resulting in the release in large quantities of heat, steam, and oxygen gas. Exposure to heat may cause hazardous decomposition. Lower Explosive Limit: Hydrogen Peroxide Vapors (Greater than 40% by weight). Product spontaneously decomposes above 150 degrees Celsius. A severe detonation hazard may exist when mixed with organic liquids e.g. (Kerosene or Gasoline).

VIII. REACTIVITY DATA

STABILITY: Stable under normal storage conditions.

INCOMPATIBILITY: Heavy Metals, Heavy Metal Ions/Salts, Rust, Alkali, Organic Compounds, Reducing Agents, Dust and Dirt.

HAZARDOUS PRODUCTS OF THERMAL COMPOSITION: Oxygen, which will support the combustion of flammable materials.

HAZARDOUS POLYMERIZATION: Will Not Occur.

## IX. ENVIRONMENTAL & DISPOSAL INFORMATION

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DO NOT confine product in un-vented vessels or between closed valves. Risk of overpressure and bursting due to decomposition in confined spaces and pipes. Polytetrafluroethylene (PTFE), Vanadium Steel: 316 stainless steel, passivated, Aluminum > 99.5%, passivated, Aluminum Magnesium Alloys, passivated. Consult appropriate authorities regarding the storage requirements for liquid oxidizers e.g. NFPA 430.

## XI. SHIPPING INFORMATION

U.S. DOT Transport Information: This is dependent on the Size and % Peroxide Shipped when Shipping and Labeling this Chemical.

Proper Shipping Name: Hydrogen Peroxide Aqueous Solution

Hazard Class: 5.1 Packing Group: III

Transport Label Required: Oxidizer

UN Number if Applicable: UN 2984 ERG. Number: N/A

Additional Markings: Shipping Restrictions: Air forbidden for concentrations greater than 40%

For Concentrations 40% or below: Passenger Aircraft: 1L Max. / pkg. Cargo Aircraft only: 5L Max. / pkg.

If this Chemical does NOT exceed 8% Peroxide content, NO REGULATIONS APPLY.

If this Chemical is Not over a Gallon and is between 8-20 % Peroxide content it qualifies as a Limited Quantity and should be labeled: Consumer Commodity ORM-D

If this Chemical is between 8 - 20 % and is OVER 1 GALLON SIZE it needs the following information: A) 5.1 Placard (Oxidizer)

B) Chemical Name, A Hydrogen Peroxide Label and an UN Number.

Examples of the Hydrogen Peroxide Content via a 10, 20, 30, 40, and 50 Volume Peroxide is as follows: (Approximately): 10 Volume = 3% Peroxide, 20 Volume = 6 % Peroxide

30 Volume = 9 % Peroxide, 40 Volume = 12 % Peroxide and a 50 Volume = 15% Peroxide.

(At this time Marianna Industries, Inc does NOT produce anything over a 50 Volume = 15 % Peroxide Content.

<u>This Material is an oxidizing chemical.</u> HMIS Ratings: Health-3 Flammability – 0 Reactivity – 1

<u>NFPA Ratings: Health-3</u> Flammability -0 Reactivity - 1 THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

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MATERIAL SAFETY DATA SHEET Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY: Infotrac (800) 457-4280

Revised: 1028/16

# I. PRODUCT INFORMATION

Page 1

## PRODUCT NAME: 40 Vol ECA

CHEMICAL NAME: Hydrogen Peroxide Aqueous Solution

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: GHC10271640VA\_KMJ

## II. SUMMARY OF HAZARDS

Oxidizer: Contact with combustibles may cause fire. Decomposes yielding oxygen that supports combustion of organic matters and can cause overpressure if confined. Corrosive to eyes, skin, nose, throat and lungs. May cause irreversible tissue damage to eyes including blindness.

## III. HAZARDOUS COMPONENTS

	EXPOSURE LIMITS					
NAME	CAS NO. %	PEL	TLV	<b>OTHER</b>		
Hydrogen Peroxide	7722-84-1 <15.2%	N/A	N/A	N/A		

## IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 103°C	FLASH POINT: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.998-1.050 @ 22°C
pH: 2.50-3.50 @22°C	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Creamy Liquid, white in color with a slightly apparent odor.

Section IV. Continued

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TOXICOLOGICAL INFORMATION: Primary Irritative Effect.

ECOLOGICAL INFORMATION:

Behavior in water treatment plants ---- Hydrogen Peroxide decomposes to oxygen and water. The product does not contain any inorganically bonded Halogen. The product does not contain any heavy metals and compounds from EC directive No. 76/464.

# V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

CHEMICAL NAME Hydrogen Peroxide TOXICITY DATA LD50 LC50

FIRST AID:

EYE CONTACT: Expected to cause eye irritation and / or burns. As a liquid, vapor or aerosol, this product could cause corneal damage, which may occur several days later. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and consult a physician.

SKIN CONTACT: Expected to cause skin irritation and / or burns. As the concentration and / or time of exposure increases, the extent of skin damage increases. In case of contact, remove any contaminated clothing and wash skin with soap and water for at least 15 minutes and consult a physician and / or seek medical attention.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

INHALATION: Expected to be irritating to the respiratory tract. If inhaled, remove to fresh air. Give oxygen if breathing is difficult.

INGESTION: Expected to cause burns to the gastrointestinal tract. If swallowed, do not induce vomiting. Give a glass of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: Medical conditions such as conjunctivitis of the eye, dermatitis of the skin, asthma and respiratory diseases can be aggravated by exposure to this product.

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: Chemical goggles or full – face shield.

PROTECTIVE GLOVES: Neoprene, butyl rubber or vinyl gloves.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure limits listed in Section III by using engineering controls. If not feasible, use a NIOSH approved airpurifying respirator with approved filters and / or absorbents.

Super Star 10 Volume Crean	n Developer
SECTION VI.	Continued

Page 3

OTHER PROTECTION: Provide safety shower and eyewash stations in Work Area.

VENTILATION: Refer to "Industrial Ventilation" by ACGIH for a manual of recommended practices.

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water.

# VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A (water solution)

 FLAMMABLE LIMITS
 LOWER: N/A
 UPPER: N/A

 EXTINGUISHING MEDIA:
 Do NOT use Carbon Dioxide extinguisher or Organic Compounds on this Material: Use only Water or Appropriate Foam to fight fires in which this material is involved. Apply vast amounts of water or appropriate foam for dilution.

FIRE FIGHTING INSTRUCTIONS: Evacuate area and fight fire from safe distance as in any fire wear self-contained positive pressure breathing apparatus (MSHA/ NIOSH Approved or Equivalent) and full protective gear. Containers can build up pressure if exposed to heat. Cool with Water Spray.

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# VIII. REACTIVITY DATA

STABILITY: Stable under normal storage conditions.

INCOMPATIBILITY: Heavy Metals, Heavy Metal Ions/Salts, Rust, Alkali, Organic Compounds, Reducing Agents, Dust and Dirt.

HAZARDOUS PRODUCTS OF THERMAL COMPOSITION: Oxygen, which will support the combustion of flammable materials.

HAZARDOUS POLYMERIZATION: Will Not Occur.

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GENERAL: CERCLA/SARA required notification to the appropriate Federal, State and Local authorities of releases of hazardous or extremely Hazardous quantities equal to or greater than the Reportable Quantities in 40 CFR 302.4 and 40 FR 355.

ACTION TO TAKE FOR SPILLS/LEAKS: Eliminate the source of the spill, wash area with large quantities of water.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE Page 4

HANDLING: Wash thoroughly after handling. Follow all MSDS / Label precautions even after container is emptied because it may retain product residues. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Do not store near combustible materials. Store in a cool, dry place. Keep container closed when not in use. Recommended container materials: Polyvinyl chloride (rigid PVC). Polyethylene. Polypropylene. Use adequate venting devices on all packages, containers and tanks and check correct operation periodically.

DO NOT confine product in un-vented vessels or between closed valves. Risk of overpressure and bursting due to decomposition in confined spaces and pipes. Polytetrafluroethylene (PTFE), Vanadium Steel: 316 stainless steel, passivated, Aluminum > 99.5%, passivated, Aluminum Magnesium Alloys, passivated. Consult appropriate authorities regarding the storage requirements for liquid oxidizers e.g. NFPA 430.

# XI. SHIPPING INFORMATION

U.S. DOT Transport Information: This is dependent on the Size and % Peroxide Shipped when Shipping and Labeling this Chemical.

Proper Shipping Name: Hydrogen Peroxide Aqueous Solution

Hazard Class: 5.1 Packing Group: III

Transport Label Required: Oxidizer

UN Number if Applicable: UN 2984 ERG. Number: N/A

Additional Markings: Shipping Restrictions: Air forbidden for concentrations greater than 40%

For Concentrations 40% or below: Passenger Aircraft: 1L Max. / pkg. Cargo Aircraft only: 5L Max. / pkg.

If this Chemical does NOT exceed 8% Peroxide content, NO REGULATIONS APPLY.

If this Chemical is Not over a Gallon and is between 8-20 % Peroxide content it qualifies as a Limited Quantity and should be labeled: Consumer Commodity ORM-D

If this Chemical is between 8 - 20 % and is OVER 1 GALLON SIZE it needs the following information: A) 5.1 Placard (Oxidizer)

B) Chemical Name, A Hydrogen Peroxide Label and an UN Number.

Examples of the Hydrogen Peroxide Content via a 10, 20, 30, 40, and 50 Volume Peroxide is as follows: (Approximately): 10 Volume = 3% Peroxide, 20 Volume = 6 % Peroxide 30 Volume = 9 % Peroxide, 40 Volume = 12 % Peroxide and a

50 Volume = 15% Peroxide.

(At this time Marianna Industries, Inc does NOT produce anything over a 50 Volume = 15 % Peroxide Content.

XII. ADDITIONAL INFORMATION

Page 5

<u>This Material is an oxidizing chemical.</u> <u>HMIS Ratings: Health-3 Flammability – 0 Reactivity – 1</u>

<u>NFPA Ratings: Health-3</u> Flammability -0 Reactivity - 1 THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

## DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

NAME OF PRODUCT: 9R TINTED CONDITIONER

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 9R Tinted Conditioner Bulk Number: G051017TC9R\_KMJ

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Conditioner for softening Hair. PREPARED BY: Kajsa Jackson DATE PREPARED: 12MAY17

SECTION 1 NOTES:

#### **SECTION 2: HAZARDS IDENTIFICATION**

#### **EMERGENCY OVERVIEW:**

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Redness, pain. Blurred vision. Burning sensation.

SKIN: Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT:** A proprietary blend of Fatty Quaternary compounds and Fatty Alcohol.

# :

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

NAME OF PRODUCT: 9R TINTED CONDITIONER

### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### ACCIDENTAL RELEASE MEASURES:

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 6 NOTES: N/A

### SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

#### SECTION 7 NOTES: N/A

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

#### PAGE 2 OF 4

NAME OF PRODUCT: 9R TINTED CONDITIONER

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Red

**ODOR: Pleasant** 

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 3.50-6.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 0.998-1.018

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: 120,000-180,000 @22C

SECTION 9 NOTES: N/A

ECTION 10: STABILITY AND REACTIVITY
-------------------------------------

STABLE

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available ...

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

NAME OF PRODUCT: 9R TINTED CONDITIONER

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Conditioner

:

WATER TRANSPORTATION PROPER SHIPPING NAME: Conditioner

AIR TRANSPORTATION PROPER SHIPPING NAME: Conditioner

SECTION 14 NOTES: N/A

#### SECTION 15: REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS** 

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

#### SECTION 16: OTHER INFORMATION

#### OTHER INFORMATION:

#### **PREPARATION INFORMATION:**

#### DISCLAIMER:

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#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 9R TINTED SHAMPOO Bulk Number: G051017TS9R\_KMJ

MANUFACTURER: Marianna Industries Inc. ADDRESS: 11222 | St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211

CHEMICAL FAMILY: Surfactant.

PRODUCT USE: Shampoo to clean hair. PREPARED BY: Kajsa Jackson DATE PREPARED: 12MAY17

#### SECTION 1 NOTES:

#### SECTION 2: HAZARDS IDENTIFICATION

#### **EMERGENCY OVERVIEW:**

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Redness, pain. Blurred vision. Burning sensation.

**SKIN:** Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT:** A proprietary blend of surfactants and other ingredients.

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

# SECTION 4 NOTES:

#### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

**SECTION 5 NOTES:** 

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking. Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

#### **SECTION 6 NOTES:**

SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

SECTION 7 NOTES:

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION :** None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

NAME OF PRODUCT: 9R TINTED SHAMPOO

SECTION 8 NOTES:

APPEARANCE: Red

**ODOR: Pleasant** 

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 3.75-7.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 8.25-8.7

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: 10,000-24,000 @22C

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY					
	STABLE	UNSTABLE			
STABILITY: Normally stable					
CONDITIONS TO AVOID (STABILITY): Freezing or High heat.					

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available..

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES:

NAME OF PRODUCT: 9R TINTED SHAMPOO

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Shampoo

WATER TRANSPORTATION PROPER SHIPPING NAME: Shampoo

AIR TRANSPORTATION PROPER SHIPPING NAME: Shampoo

SECTION 14 NOTES:

:

**SECTION 15: REGULATORY INFORMATION** 

#### **U.S. FEDERAL REGULATIONS**

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES:

#### SECTION 16: OTHER INFORMATION

#### OTHER INFORMATION:

#### **PREPARATION INFORMATION:**

#### DISCLAIMER:

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NAME OF PRODUCT: BLONDE COLOR CARE PURPLE CONDITIONER

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Blonde Color Care Purple Conditioner Bulk Number: GHC051916BCCPC\_KMJ

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 I St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Conditioner for softening Hair. PREPARED BY: Kajsa Jackson DATE PREPARED: 20MAY16

SECTION 1 NOTES:

#### SECTION 2: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** 

ROUTES OF ENTRY: Skin and eyes contact.

POTENTIAL HEALTH EFFECTS

EYES: Redness, pain. Blurred vision. Burning sensation.

**SKIN:** Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT:** A proprietary blend of Fatty Quaternary compounds and Fatty Alcohol.

#### :

#### SECTION 4: FIRST AID MEASURES

**EYES**: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

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NAME OF PRODUCT: BLONDE COLOR CARE PURPLE CONDITIONER

# SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Personal precautions : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking. Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 6 NOTES: N/A

#### SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Stable under normal conditions.

SECTION 7 NOTES: N/A

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION :** None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

PAGE 2 OF 4

NAME OF PRODUCT: BLONDE COLOR CARE PURPLE CONDITIONER

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE: Dark Purple** 

**ODOR: Pleasant** 

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 3.50-6.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 0.998-1.018

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: 120,000-170,000 @22C

SECTION 9 NOTES: N/A

SECTION 10: STABILITY AND REACTIVITY

<u>STABLE</u>

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available ..

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

DCN: LBR SDS

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NAME OF PRODUCT: BLONDE COLOR CARE PURPLE CONDITIONER

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Conditioner

:

WATER TRANSPORTATION PROPER SHIPPING NAME: Conditioner

AIR TRANSPORTATION PROPER SHIPPING NAME: Conditioner

SECTION 14 NOTES: N/A

SECTION 15: REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

#### SECTION 16: OTHER INFORMATION

#### **OTHER INFORMATION:**

#### **PREPARATION INFORMATION:**

DISCLAIMER:

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Page 1 of 7 **SW-2376** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.3

								- 11 A						
1.1	Product Name:		PRODUC											
1.2	Chemical Name:			SFRAT,	+/ .UJ /(		<u> </u>							
1.2	Synonyms:	Aerosol SW-2376												
1.3	Trade Names:		Care 47.050	()/00										
1.4	Product Use:	0	Spray, 47.05%											
1.6	Distributor's Name:	Aerosol Hair												
1.0	Distributor's Address:		ging of CA, Inc											
1.7	Emergency Phone:		et, Chino CA 9											
1.0	Business Phone / Fax:		C: +1 (703)		/ +1 (800	J) 424	-9300	) (CC	SN 20	108)				
1.5	Dusiness Fhone / Fax.	+1 (909) 626-	4707 / +1 (909											
				AZARDS		-								
2.1	Hazard Identification:	This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the c criteria of NOHSC: 1088 (2004) and ADG Code (Australia). WARNING! FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. MAY ALLERGIC SKIN REACTION. CAUSES EYE IRRITATION. Classification: Aerosol 2; Skin Sens. 1B; Eye Irrit. 2												
2.2	Label Elements:	Hazard State	<u>ments</u> (H): H2 7 – May cause	23 – Flamma	ble aeroso	ol. H229					r: may	/ burst	if	
		Precautionary Statements (P): P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 – Do not spray on open flame or other ignition source. P251 – Do not pierce or burn, even after use. P261 – Avoid breathing fume/gas/mist/vapors/spray. P264 – Wash hands and exposed skin areas with soap and warm thoroughly after handling. P272 – Contaminated work clothing should not be allowed out of the workplace. P280 – Wear protective gloves/eyewear. P302+P352 – IF ON SKIN: Wash with plenty warm water and soap. P333+P313 – If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists get medical advice/attention. P362+P364 – Take off contaminated clothing and wash it before reuse. P370+P378 – In case of fire: Use Water, Foam, CO <sub>2</sub> , Dry Chemical, Halon (if authorized), to extinguish. P403+P235 – Store in a well-ventilated place. Keep cool. P410+P412 – Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). P501 – Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF).												
2.3	Other Warnings:	to extinguish from sunlight contents/con This product	. P403+P235 t. Do not exp tainer to a licer	se of fire: Use – Store in a v ose to temper <u>nsed treatment</u> tain any chem	Water, Fo vell-ventila ratures ex <u>, storage (</u> iicals knov	ated pla ceeding or dispo wn to th	ice. K g 50 ° osal fao ne Sta	eep co C (122 <u>cility (T</u> te of (	ool. P <sup>.</sup> ? °F). <u>SDF).</u> Califorr	410+P P501 nia to	412 – – Dis cause	Protect pose c cance	r or oth	er reproductive
2.3	Other Warnings:	to extinguish from sunlight contents/con This product harm. For mo	. P403+P235 t. Do not exp tainer to a licer does not cont ore information	se of fire: Use – Store in a v ose to temper <u>nsed treatment</u> tain any chem go to <u>www.P6</u>	Water, Fc vell-ventila ratures ex storage o icals know <u>5Warning</u>	ated pla ceeding or dispo wn to th <u>s.ca.go</u>	ice. K g 50 ° osal fac he Sta v. <b>KE</b>	eep co C (122 cility (T te of ( EP OU	ool. P. 2 °F). SDF). Califorr <b>T OF I</b>	410+P P501 nia to <b>REAC</b> I	412 – – Dis cause	Protect pose c cance	r or oth	er reproductive
2.3	Other Warnings:	to extinguish from sunlight contents/con This product harm. For mo	. P403+P235 t. Do not exp tainer to a licer does not cont	se of fire: Use – Store in a v ose to temper <u>nsed treatment</u> tain any chem go to <u>www.P6</u>	Water, Fc vell-ventila ratures ex storage o icals know <u>5Warning</u>	ated pla ceeding or dispo wn to th <u>s.ca.go</u>	ice. K g 50 ° osal fac he Sta v. <b>KE</b>	eep co C (122 cility (T te of ( EP OU	Dol. P. 2 °F). SDF). Califorr T OF I	410+P P501 nia to REACI	412 – – Dis cause H OF (	Protect pose c cance CHILD	r or oth REN.	er reproductive
2.3	Other Warnings:	to extinguish from sunlight contents/con This product harm. For mo	. P403+P235 t. Do not exp tainer to a licer does not cont ore information	se of fire: Use – Store in a v ose to temper <u>nsed treatment</u> tain any chem go to <u>www.P6</u>	Water, Fc vell-ventila ratures ex storage o icals know <u>5Warning</u>	ated pla acceeding or dispo wn to th s.ca.go	ice. K g 50 ° osal fac he Sta v. <b>KE</b>	eep co C (122 cility (T te of ( EP OU	Dol. P. 2 °F). SDF). Califorr T OF I	410+P P501 nia to REACI	412 – – Dis cause H OF (	Protect pose c cance	r or oth REN.	er reproductive
2.3	Other Warnings:	to extinguish from sunlight contents/con This product harm. For mo	. P403+P235 t. Do not exp tainer to a licer does not cont ore information	se of fire: Use – Store in a v ose to temper <u>nsed treatment</u> tain any chem go to <u>www.P6</u>	Water, Fc vell-ventila ratures ex storage o icals know <u>5Warning</u>	ated pla cceeding or dispo wn to th s.ca.go IENT	ice. K g 50 ° osal fac ne Sta <u>v</u> . <b>KE</b> l	eep co C (122 cility (T te of ( EP OU	Dol. P 2 °F). SDF). Califorr <b>T OF I</b> <b>MAT</b>	410+P P501 nia to REACI	412 – – Dis cause H OF (	Protect pose of cance CHILD	r or oth REN.	er reproductive
		to extinguish from sunlight contents/com This product harm. For mo <b>3. Co</b>	P403+P235 Do not exp tainer to a licer does not cont ore information OMPOSIT	se of fire: Use – Store in a v ose to temper <u>nsed treatment</u> tain any chem go to <u>www.P6</u> <b>TON &amp; IN</b>	Water, Fc vell-ventila ratures ex , storage o iicals knov 5Warning GRED	ated pla cceeding or dispo wn to th s.ca.go IENT	ice. K g 50 ° osal fac ne Sta v. KE INF	eep cc C (122 cility (T te of ( EP OU CORN	DOI. P 2 °F). SDF). Califorr T OF I MAT EXPO NOHSC ppm ES-	410+P P501 nia to REACI	412 – – Dis cause H OF (	Protec pose c cance CHILD	of r or oth REN.	
	Other Warnings:	to extinguish from sunlight contents/com This product harm. For mo <b>3. CO</b> CAS No.	P403+P235 Do not exp tainer to a licer does not com ore information OMPOSIT RTECS No.	se of fire: Use – Store in a v ose to temper sed treatment tain any chem go to www.P6 TON & IN EINECS No.	Water, Fc vell-ventila ratures ex , storage o icals knov 5Warning GRED	ated plaa cceeding or dispo wn to th s.ca.go IENT AC PP TLV	GIH STEL	eep cc C (122 cility (T te of ( EP OU CORN ES- TWA	DOI. P SDF). Califorr T OF I EXPO NOHSC ppm ES- STEL	410+P P501 nia to REACI SURE L ES- PEAK	412 – – Dis cause H OF (	Protec pose c cance CHILD	r or oth REN.	er reproductive
CHEMI		to extinguish from sunlight contents/com This product harm. For mo <b>3. CO</b> CAS No. 64-17-5	P403+P235 Do not exp tainer to a licer does not cont pre information <b>OMPOSIT</b> RTECS No. KQ6300000	se of fire: Use – Store in a v ose to temper <u>nsed treatment</u> tain any chem go to <u>www.P6</u> <b>TON &amp; IN</b>	Water, Fc vell-ventila ratures ex , storage o iicals knov 5Warning GRED	ated plaa cceeding or dispo wn to th s.ca.go IENT AC PP TLV	ice. K g 50 ° osal fac ne Sta v. KE INF	eep cc C (122 cility (T te of ( EP OU CORN ES- TWA	DOI. P SDF). Califorr T OF I EXPO NOHSC ppm ES- STEL	410+P P501 nia to REACI	412 – – Dis cause H OF (	Protec pose c cance CHILD	of r or oth REN.	
CHEMI ETHA	ICAL NAME(S) NOL (SD ALCOHOL 40B)	to extinguish from sunlight contents/com This product harm. For mo <b>3. Co</b> <b>CAS No.</b> 64-17-5 Flam.Liq.2; H	P403+P235     Do not exp tainer to a licer does not contore information      OMPOSIT      RTECS No.     KQ6300000 225	se of fire: Use – Store in a v ose to temper sed treatment tain any chem go to www.P6 TON & IN EINECS No. 200-578-6	Water, Fc vell-ventila ratures ex storage o icals knov 5Warning GRED % 30-50	ated pla acceeding or dispo wn to th s.ca.go IENT IENT TLV 1000	ace. K g 50 ° ssal fac ne Sta v. KE INF GIH om ste∟ 3000	eep cc C (122 cility (T te of ( EP OU ORN ES- TWA 1000	DOI. P 2 °F). SDF). Califorr <b>T OF I</b> <b>MAT</b> EXPO NOHSC ppm ES- STEL 1800	410+P P501 nia to REACI ION SURE L ES- PEAK NF	412 – – Dis cause H OF ( IMITS IN PEL 1000	Protect pose c cance CHILD V AIR (m OSHA ppm STEL 1900	r or oth REN. g/m <sup>3</sup> ) IDLH 3300	
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CHEMI ETHA DIFLU	ICAL NAME(S) NOL (SD ALCOHOL 40B) JOROETHANE (R-152a)	to extinguish from sunlight contents/com This product harm. For mo <b>3. Co</b> <b>CAS No.</b> 64-17-5 Flam.Liq.2; H 75-37-6	P403+P235     Do not exp tainer to a licer does not cont ore information	se of fire: Use – Store in a v ose to temper sed treatment tain any chem go to www.P6 TON & IN EINECS No. 200-578-6	Water, Fc vell-ventila ratures ex storage o icals knov 5Warning GRED % 30-50	ated pla acceeding or dispo wn to th s.ca.go IENT IENT TLV 1000	ace. K g 50 ° ssal fac ne Sta v. KE INF GIH om ste∟ 3000	eep cc C (122 cility (T te of ( EP OU ORN ES- TWA 1000	DOI. P 2 °F). SDF). Califorr <b>T OF I</b> <b>MAT</b> EXPO NOHSC ppm ES- STEL 1800	410+P P501 nia to REACI ION SURE L ES- PEAK NF	412 – – Dis cause H OF ( IMITS IN PEL 1000	Protect pose c cance CHILD V AIR (m OSHA ppm STEL 1900	r or oth REN. g/m <sup>3</sup> ) IDLH 3300	
CHEMI ETHA DIFLU AQUA	ICAL NAME(S) NOL (SD ALCOHOL 40B) JOROETHANE (R-152a)	to extinguish from sunlight contents/com This product harm. For mo <b>3. Co</b> cas No. 64-17-5 Flam.Liq.2; H 75-37-6 Flam. Gas 1;	P403+P235     Do not exp tainer to a licer does not coni ore information      OMPOSIT      RTECS No.     KQ630000 225     Kl4100000 H220	se of fire: Use - Store in a vose to temper sed treatment tain any chem go to www.P6 TON & IN EINECS No. 200-578-6 200-866-1	Water, Fc vell-ventila ratures ex , storage o icals know 5Warning GRED % 30-50	IENT ACC PH ACC PH TLV 1000	ice. K g 50 ° osal fac ne Sta v. KE TINF GIH om STEL 3000	EEP CC C (122 cility (T te of ( EP OU CORN CORN ES- TWA 1000	NF	410+P P501 nia to REACI ION SURE L ES- PEAK NF	412 – – Dis cause H OF ( IMITS IN PEL 1000 NA	Protect pose c cance CHILD SHA ppm STEL 1900	r or oth REN. g/m³) iDLH 3300 NA	
CHEMI ETHA DIFLU AQUA POLY	ICAL NAME(S) NOL (SD ALCOHOL 40B) JOROETHANE (R-152a) A (WATER/EAU) URETHANE-14	to extinguish from sunlight contents/com This product harm. For mo <b>3. Co</b> <b>64</b> -17-5 Flam.Lig.2; H 75-37-6 Flam.Gas 1; 7732-18-5	P403+P235     Do not exp tainer to a licer does not coni ore information      OMPOSIT      RTECS No.     KQ630000 225     KI4100000 H220     ZC0110000	se of fire: Use – Store in a v ose to temper ised treatment tain any chem go to www.P6 TON & IN EINECS No. 200-578-6 200-866-1 231-791-2	Water, Fc vell-ventila ratures ex , storage of icals know 5Warning GRED % 30-50 30-50	Ated plated pla	acce.       K         g 50       soal fac         osal fac       soal fac         ne       Stat         y.       KEI         GIH       stat         stEL       3000         NA       NA	eep cc C (122 cility (T te of ( EP OU ORN 1000 1000 NF	NF	410+P P501 Nia to REACI SURE L ES- PEAK NF NF	412 – – Dis cause H OF ( IMITS IN PEL 1000 NA NA	Protect pose ( cance CHILD NAIR (ma OSHA ppm STEL 1900 NA	r or oth REN. g/m³) iDLH 3300 NA NA	
CHEMI ETHA DIFLL AQUA POLY CI 777	ICAL NAME(S) NOL (SD ALCOHOL 40B) JOROETHANE (R-152a) A (WATER/EAU) URETHANE-14 742 (MANGANESE VIOLET)	to extinguish from sunlight contents/com This product harm. For mo <b>3. CO</b> CAS No. 64-17-5 Flam.Lig.2; H 75-37-6 Flam. Gas 1; 7732-18-5 NA	P403+P235     Do not exp tainer to a licer does not coni ore information      OMPOSIT      RTECS No.     KQ630000 225     KI4100000 H220     ZC0110000      NA	se of fire: Use – Store in a v ose to temper ised treatment tain any chem go to www.P6 TON & IN EINECS No. 200-578-6 200-866-1 231-791-2 NA	Water, Fc vell-ventila ratures ex , storage o icals know 5Warning GRED % 30-50 30-50 1-5	itential acceeding or dispo with the the scalar of the sca	ice. K g 50 ° osal fac ne Sta v. KE INF GIH om STEL 3000 NA NA NA	eep cc C (122 cility (T te of ( EP OU ORN 1000 1000 NF	NF	410+P P501 nia to <b>REACI</b> SURE L SURE L ES- PEAK NF NF NF	412 – – Dis cause <b>H OF (</b> 1000 NA NA NA	AIR (main or state of the state	r or oth REN. g/m³) iDLH 3300 NA NA NA	
CHEMI ETHA DIFLL AQUA POLY CI 777	ICAL NAME(S) NOL (SD ALCOHOL 40B) JOROETHANE (R-152a) (WATER/EAU) URETHANE-14 742 (MANGANESE VIOLET) DNYL ISONONANOATE	to extinguish from sunlight contents/com This product harm. For mo <b>3. CO</b> <b>64-17-5</b> Flam.Liq.2; H 75-37-6 Flam.Gas 1; 7732-18-5 NA NA 10101-66-3 59219-71-5	<ul> <li>P403+P235</li> <li>Do not exp tainer to a licer does not contore information</li> <li>OMPOSIT</li> <li>RTECS No.</li> <li>KQ6300000</li> <li>225</li> <li>K14100000</li> <li>H220</li> <li>ZC0110000</li> <li>NA</li> <li>NA</li> </ul>	se of fire: Use - Store in a v ose to temper sed treatment tain any chem go to <u>www.P6</u> TON & IN EINECS No. 200-578-6 200-866-1 231-791-2 NA 233-257-4 261-665-2	Water, Fc vell-ventila ratures ex , storage o icals knov 5Warning GRED 30-50 30-50 1-5 1-5 1-5	Acceeding or dispo with the the s.ca.go IENT IENT TLV 1000 1000 NA NA NA	ice. K g 50 ° osal fac ne Sta v. KE INF GIH 3000 NA NA NA NA	eep cc C (122 cility (T te of ( EP OU ORN ORN 1000 1000 NF NF NF	NF	410+P P501 nia to <b>REACI</b> SURE L SURE L SURE L NF NF NF NF	412 – – Dis cause H OF ( MITS II PEL 1000 NA NA NA NA	Protect pose of cance CHILD NAIR (m OSHA ppm STEL 1900 NA NA NA NA	r or oth REN. g/m <sup>3</sup> ) IDLH 3300 NA NA NA NA	
CHEMI ETHA DIFLL AQUA POLY CI 777	ICAL NAME(S) NOL (SD ALCOHOL 40B) JOROETHANE (R-152a) A (WATER/EAU) URETHANE-14 742 (MANGANESE VIOLET)	to extinguish from sunlight contents/com This product harm. For mo <b>3. Co</b> <b>64</b> -17-5 Flam.Liq.2; H 75-37-6 Flam.Gas 1; 7732-18-5 NA 10101-66-3 59219-71-5 68411-27-8	<ul> <li>P403+P235</li> <li>Do not exp tainer to a licer does not contore information</li> </ul> <b>OMPOSIT RTECS NO. KQ6300000</b> 225 <b>KI4100000</b> H220 ZC0110000 <b>NA NA NA NA</b>	se of fire: Use - Store in a v ose to temper sed treatment tain any chem go to www.P6 TON & IN EINECS No. 200-578-6 200-866-1 231-791-2 NA 233-257-4 261-665-2 270-112-4	Water, Fc vell-ventila ratures ex , storage o icals knov 5Warning GRED 30-50 1-5 1-5 1-5 1-5	Ated pla acceeding or dispo wn to the s.ca.go IENT AC PH TLV 1000 1000 NA NA NA NA	ice.         K           g 50         Sal fac           ice.         Stat           ice. <td>eep cc C (122 cility (T te of ( EP OU ORN ORN 1000 1000 NF NF NF NF</td> <td>NF NF NF</td> <td>410+P P501 nia to <b>REACI</b> SURE L SURE L SURE L SURE L NF NF NF NF</td> <td>412 – – Dis cause H OF ( MITS II PEL 1000 NA NA NA NA NA</td> <td>Protect pose of cance CHILD NAIR (m OSHA ppm STEL 1900 NA NA NA NA NA</td> <td>r or oth REN. g/m<sup>3</sup>) IDLH 3300 NA NA NA NA NA</td> <td></td>	eep cc C (122 cility (T te of ( EP OU ORN ORN 1000 1000 NF NF NF NF	NF NF NF	410+P P501 nia to <b>REACI</b> SURE L SURE L SURE L SURE L NF NF NF NF	412 – – Dis cause H OF ( MITS II PEL 1000 NA NA NA NA NA	Protect pose of cance CHILD NAIR (m OSHA ppm STEL 1900 NA NA NA NA NA	r or oth REN. g/m <sup>3</sup> ) IDLH 3300 NA NA NA NA NA	
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CHEMI ETHA DIFLL AQUA POLY CI 777 ISONG C12-1 ISOPF	ICAL NAME(S) NOL (SD ALCOHOL 40B) JOROETHANE (R-152a) (WATER/EAU) URETHANE-14 742 (MANGANESE VIOLET) DNYL ISONONANOATE 5 ALKYL BENZOATE	to extinguish from sunlight contents/com This product harm. For mo <b>3. Co</b> <b>64</b> -17-5 Flam.Liq.2; H 75-37-6 Flam.Gas 1; 7732-18-5 NA 10101-66-3 59219-71-5 68411-27-8	<ul> <li>P403+P235</li> <li>Do not exp tainer to a licer does not contore information</li> </ul> <b>OMPOSIT RTECS NO. KQ6300000</b> 225 <b>KI4100000</b> H220 ZC0110000 <b>NA NA NA NA</b>	se of fire: Use - Store in a v ose to temper sed treatment tain any chem go to www.P6 TON & IN EINECS No. 200-578-6 200-866-1 231-791-2 NA 233-257-4 261-665-2 270-112-4	Water, Fc vell-ventila ratures ex , storage o icals knov 5Warning GRED 30-50 1-5 1-5 1-5 1-5	Ated pla acceeding or dispo wn to the s.ca.go IENT AC PH TLV 1000 1000 NA NA NA NA	ice.         K           g 50         Sal fac           ice.         Stat           ice. <td>eep cc C (122 cility (T te of ( EP OU ORN ORN 1000 1000 NF NF NF NF</td> <td>NF NF NF</td> <td>410+P P501 nia to <b>REACI</b> SURE L SURE L SURE L SURE L NF NF NF NF</td> <td>412 – – Dis cause H OF ( MITS II PEL 1000 NA NA NA NA NA</td> <td>Protect pose of cance CHILD NAIR (m OSHA ppm STEL 1900 NA NA NA NA NA</td> <td>r or oth REN. g/m<sup>3</sup>) IDLH 3300 NA NA NA NA NA</td> <td></td>	eep cc C (122 cility (T te of ( EP OU ORN ORN 1000 1000 NF NF NF NF	NF NF NF	410+P P501 nia to <b>REACI</b> SURE L SURE L SURE L SURE L NF NF NF NF	412 – – Dis cause H OF ( MITS II PEL 1000 NA NA NA NA NA	Protect pose of cance CHILD NAIR (m OSHA ppm STEL 1900 NA NA NA NA NA	r or oth REN. g/m <sup>3</sup> ) IDLH 3300 NA NA NA NA NA	
CHEMI ETHA DIFLL AQUA POLY CI 777 ISON( C12-1 ISOPF PHEN	ICAL NAME(S) NOL (SD ALCOHOL 40B) JOROETHANE (R-152a) (WATER/EAU) URETHANE-14 742 (MANGANESE VIOLET) DNYL ISONONANOATE 5 ALKYL BENZOATE ROPYL MYRISTATE	to extinguish from sunlight contents/com This product harm. For mo <b>3. C</b> <b>64</b> -17-5 Flam.Liq.2; H 75-37-6 Flam.Gas 1; 7732-18-5 NA 10101-66-3 59219-71-5 68411-27-8 110-27-0	<ul> <li>P403+P235</li> <li>Do not exp tainer to a licer does not coni- pre information</li> <li>DMPOSIT</li> <li>RTECS No.</li> <li>KQ6300000</li> <li>Z25</li> <li>KI4100000</li> <li>H220</li> <li>ZC0110000</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>NA</li> </ul>	se of fire: Use - Store in a v ose to temper sed treatment tain any chem go to www.P6 TON & IN EINECS No. 200-578-6 200-866-1 231-791-2 NA 233-257-4 261-665-2 270-112-4 -	Water, Fc vell-ventila ratures ex , storage o icals knov 5Warning GRED 30-50 1-5 1-5 1-5 1-5 1-5	IENT ACC PI TLV 1000 NA NA NA NA NA	ice.         K           50         50           ssal fac         ice.           ice.         KE           ice.         STEL           30000         NA           NA         NA           NA         NA           NA         NA	C (122 cility (T te of ( EP OU CORN CORN CORN 1000 1000 NF NF NF NF	NF NF NF	410+P P501 Dia to REACI SURE L ES- PEAK NF NF NF NF NF NF	412 – – Dis cause H OF ( IMITS IN PEL 1000 NA NA NA NA NA	Protect pose of cance CHILD NA STEL 1900 NA NA NA NA NA	r or oth REN. g/m <sup>3</sup> ) iDLH 3300 NA NA NA NA NA NA	
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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards

SDS Revision: 1.3

	3				DIENT								. 2.	
							0				IMITS IN	AIR (m	u /	1
							GIH		NOHSC			OSHA	1	
						р	om	ES-	ppm ES-	ES-		ppm		_
CHEMI	CAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH	OTHER
GLYC		56-81-5	MA8050000	200-289-5	0-1	NA	NA	NF	NF	NF	NA	NA	NA	
GLICI							1	1						
	HYDROXYSTEARIC ACID	27924-99-8	NA	NA	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
			<b>I</b>	1	1				=	=				T
AMP-A	ACRYLATES COPOLYMER	NA	NA	NA	0-1	NA	NA	NF	NF	NF	NA	NA	NA	
		NA	NA	NA	0-1	NIA	NIA	NF	NF	NF	NIA	NIA	NIA	1
FRAG	RANCE (PARFUM)	INA	INA	NA	0-1	NA	NA	INF	INF	INF	NA	NA	NA	
OCTY	LACRYLAMIDE/ACRYLATES/	NA	NA	NA	0-1	NA	NA	NF	NF	NF	NA	NA	NA	
	_AMINOETHYL METH-			10.		1473					1473	10/1	10/1	
ACRY	LATE COPOLYMER						1	1						
LIMON	JENE	5989-27-5	GW6360000	227-813-5	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		70 70 0		004 404 4	0.0.4	NIA	NIA				NIA	NIA	NIA	
LINAL	OOL	78-70-6	NA	201-134-4	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		120-51-4	NA	204-402-9	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
BENZ	YL BENZOATE		al 4; Acute Tox. I											
BUTYI	_PHENYL	80-54-6	MW4895000	201-289-8	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
	YLPROPIONAL	Acute Tox. Or	al 4; Skin Irrit. 2;	Aquatic acute 2;	Aquatic Ch	ronic 2;	H302,	H315, I	1319					
HEYV	L CINNAMAL	101-86-0	GD6560000	202-983-3	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
			, Aquatic Chronic	/ /							_		_	
PEG-1	2 DIMETHICONE	9006-65-9	TQ2690000	NA	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
		Eye Irrit. 2; H3	1	1	1									
	OLYZED VEGETABLE EIN PG-PROPYL	NA	NA	NA	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
	ETRIOL													
ETHYI	_HEXYL	5466-77-3	NA	226-775-7	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
METH	OXYCINNAMATE													
	ROPYL TITANIUM	61417-49-0	NA	262-774-8	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
TRIIS	DSTEARATE		1											1
STEAF	RALKONIUM HECTORITE	94891-33-5	NA	275-126-4	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
		400.00.7	550050000	000 570 4	0.0.4				NE	NE				
PROP	YLENE CARBONATE	108-32-7 Eye Irrit. 2; H3	FF9650000	203-572-1	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
		NA	NA	NA	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
EXTR/	ACTS		NA	INA	0-0.1	INA	INA				INA	NA	NA.	ALLENOLIN
		9005-25-8	NA	232-679-6	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	1
TAPIO	CA STARCH	0000 20 0		202 010 0	0 011									
			4	FIRST A		SUI	RES							
4.1	First Aid:	la ra ati a ra		_			_	haa k			م امم	م بامان		f
4.1	THIST AIG.	Ingestion:												f water or milk ter or milk to an
														ber. Provide an
														stance that was
			swallowed.					0						
		<u>Eyes</u> :	Splashes are r	ot likely; how	ever, if pro	duct g	ets in t	he eye	s, flus	h with	copiou	us amo	unts of	lukewarm water
			for at least 15											
		<u>Skin</u> :												d by a thorough
			0		a with soa	ap and	l wate	r. If i	rritation	n, redr	ness c	or swel	ling pe	rsists, contact a
			physician imm	•										
4.2		Inhalation:	Remove victim											
4.2			If product is sw								- این دا -		- 11-1-1	an indiation - I
	.	E <u>yes</u> :		tating to the e	eyes. Sym	ptoms	OT OV	erexpo	sure n	nay in	ciude	reanes	s, itchii	ng, irritation and
		Skin:	watering.	a to okin Th	o product	000 0		lloraic	okin -		n (n ~	roch	00 WO	te dormatitia) in
		<u>Skin</u> :	some sensitive			call Ca	ause a	mergic	SVIII (6	action	is (e.g	., iash	es, wei	ts, dermatitis) in
		Inhalation:	None expected											
4.3					itching a	nd wat	erina	Symn	tome	of skin	OVere	XDOSUL	e mavi	nclude redness,
-														ts, dermatitis) in
		some sensitiv				2011 0			5.arr 1			,.,		,
			ation to eyes.											
4.4	Acute Health Effects:		alloff to cycs.											
4.4 4.5			chronic health	effects are ex	pected to	occur f	rom a	sinale	accide	ental in	aestio	n.		



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		4. FIRST A	AID MI	<u>EASU</u>	<u> RES –</u>	<u>cont'</u>	d					
4.6	Target Organs:	Eyes										
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other ski			disorders	of the	HEALTH	1	I			
		target organs (eyes, skin, and resp	Diratory s	ystem).			FLAMM	ABILIT	Y		3	3
							PHYSIC	AL HA	ZARDS		C	)
							PROTE	CTIVE E		IENT	E	3
							EYES	SKIN	1			
		5. FIRE										
5.1	Fire & Explosion Hazards:	FLAMMABLE AEROSOL. Level above 122 °F. Cool uninvolved co hazards when bursting. If aeroso may rupture and release flammab containers cool by spraying them heat, lit cigarettes, sparks & o temperatures, may produce hazar CO <sub>2</sub> ) and nitrogen (e.g., NO <sub>x</sub> ) and	ontainers ols are bu le liquids with wate pen flam dous dec	to preven irsting, st or/or exp er until th ne. Kee	nt possible ay clear u oosed gase le fire has ep contain	bursting ntil burst es if expo been ext er close	. Aerosols ing is com sed to the inguished. d. When	s may be plete. C heat of f Keep a exposed	projectile ontainers ire. Keep way from to high		3	•
5.2	Extinguishing Methods:	Water, Foam, CO2, Dry Chemical,										<b>/</b>
5.3	Firefighting Procedures:	As in any fire, wear MSHA/NIOSH and full protective gear. Keep c cool fire-exposed surfaces and to control or dilution from entering s Firefighters must use full bunker breathing apparatus to protect ag and oxygen deficiencies.	ontainers o protect sewers, o gear inclu	cool un persona drains, dr uding NI	til well afte I. Fight fi rinking wat OSH-appro	r the fire re upwin ter suppl oved pos	is out. U d. Preve y, or any itive press	lse water nt runoff natural v ure self-	r spray to from fire vaterway contained	9 9		
					0= 145							
6.1	Spills:	6. ACCIDEN Before cleaning any spill or lea										
		Equipment (PPE). For <u>small spills</u> (e.g., < 1 gallon Maximize ventilation (open doors absorbent material and place into local, state and federal regulatior soap. Remove any contaminated For <u>large spills</u> (e.g., ≥ 1 gallon material (e.g., sand or earth). Us recovery or disposal and solid dik promptly and wash affected skin and open bodies of water.	s and wi appropri- ns. Was clothing (3.8 L)), ie ONLY ing mate	indows) iate close h all affe and wash deny er non-spar rial to sep	and secur ed contain teted areas thorough htry to all king tools parate con	e all sou er(s) for s and ou y before unprotec for recov tainers for	urces of ig disposal. tside of co reuse. ted individ rery and cl or proper d	gnition. Dispose ontainer luals. D eanup. isposal.	Remove of prope with plen ike and Transfer Remove	e spilled rly in ad ty of wa contain liquid to contam	spill with contained contained contained	I with e with er and n inert ers for othing
		7. HANDLING	& ST(	ORAG	E INFC	ORMA	TION					
7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke while h										
7.2	Storage & Handling:	Use and store in a cool, dry, wel heat and open flames.	l-ventilate	ed locatio	on (e.g., lo	cal exhai	ust ventila	tion, fans	s). Keep	away f	rom exce	essive
7.3	Special Precautions:	Spilled material may present a slip	ping haz	ard if left	unattende	d. Clean	all spills p	promptly.				
				9 DF	DEON							
8.1	Exposure Limits:	8. EXPOSURE CONT		<b>0 &amp; PE</b> GIH		NOHSC	UIEU		OSHA		OTHER	
0.1	ppm (mg/m <sup>3</sup> )					ES-	ES-				UTILI	
		CHEMICAL NAME(S) ETHANOL (SD ALCOHOL 40B)	TLV 1000	<b>STEL</b> 3000	ES-TWA 1000	<b>STEL</b> 1800	PEAK NF	PEL 1000	<b>STEL</b> 1900	IDLH 3300		
		DIFLUOROETHANE (R-152a)	1000	NA	1000	NF	NF	NA	NA	NA		
		BENZYL SALICYLATE	NA	NA	NF	NF	NF	NA	NA	NA	ALLERG	
		LIMONENE	NA	NA	NF	NF	NF	NA	NA	NA	ALLERG	
		LINALOOL BENZYL BENZOATE	NA	NA	NF	NF	NF	NA	NA	NA	ALLERG	
		BUTYLPHENYL	NA	NA	NF	NF	NF	NA	NA	NA	ALLERG	
		METHYLPROPIONAL	NA	NA	NF	NF	NF	NA	NA	NA	ALLERG	
		HEXYL CINNAMAL	NA	NA	NF	NF	NF	NA	NA	NA	ALLERG	
8.2	Ventilation & Engineering	EXTRACTS General mechanical (e.g., fans)	NA or natura	NA Ventilat	NF	NF icient wh	NF NF	NA roduct is	NA in use	NA Use lo	ALLERC	
	Controls:	exhaust ventilation to effectively product. Ensure that an eyewash	remove	and prev	ent buildu	p of vap	ors or mi	st gener	ated from	n the h		
-												



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8.3	Respiratory Protection:	No special respiratory protection is required under typical circumstances of use or handling. If
		necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces,
		E.C. member states, or Australia.
8.4	Eye Protection:	Avoid eye contact. Protective eyewear recommended. Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling large quantities (of this product. Always use protective eyewear when cleaning spills or leaks. Contact lenses pose a special hazard; soft lenses may absorb
		and concentrate irritants.
8.5	Hand Protection:	None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. If anticipated that prolonged & repeated skin contact will occur during use of this product, wear latex or rubber gloves for routine industrial use. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, of the E.C. member states.
8.6	Body Protection:	No special body protection is required under typical circumstances of use and handling. If necessary, refer to appropriate standards of Canada, the E.C. member states, or U.S. OSHA.
		9. PHYSICAL & CHEMICAL PROPERTIES
9.1	Appearance:	Aerosol. Clear, liquid.
9.2	Odor:	Fragrant odor
9.3	Odor Threshold:	NA
9.4	pH:	9.5 ± 0.2
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling	NA
9.7	Range: Flashpoint:	9 °C (48 °F)
9.7 9.8	Upper/Lower Flammability	
	Limits:	LEL: 5.1% / UEL: 17.1% (R-152A)
9.9	Vapor Pressure:	60 ± 5 psig @ 70 °F
9.10	Vapor Density:	NA
9.11	Relative Density:	0.852 ± 0.012
9.12	Solubility:	Soluble
9.13	Partition Coefficient (log Pow):	NA
9.14 9.15	Autoignition Temperature: Decomposition Temperature:	NA
9.15	Viscosity:	NA
9.10	Other Information:	NA VOC: 47.05%; 7.1 lb/gal; Percent solids: 10.83 ± 0.5
0		VOC. 47.03 %, 7.1 h/gai, Feicent Solids. 10.83 ± 0.3
		10. STABILITY & REACTIVITY
10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, $CO_2$ ) and sulfur (SO <sub>2</sub> ).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks and high heat.
10.5	Incompatible Substances:	None known.
		11. TOXICOLOGICAL INFORMATION
11.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: NO
	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature,
11.2		available for some of the components of the product and is presented below: <u>Limonene</u> LD <sub>50</sub> (oral, rat): 4400
	Acute Toxicity:	
11.3	Acute Toxicity: Chronic Toxicity:	Limonene LD <sub>50</sub> (oral, rat): 4400
11.3 11.4		Limonene LD <sub>50</sub> (oral, rat): 4400         See section 4.4         See section 4.5         The following ingredient is listed on IARC 3 - Group 3 (Not classifiable as to its carcinogenicity to humans): Limonene         This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har
11.3 11.4 11.5	Chronic Toxicity:	Limonene LD <sub>50</sub> (oral, rat): 4400         See section 4.4         See section 4.5         The following ingredient is listed on IARC 3 - Group 3 (Not classifiable as to its carcinogenicity to humans): Limonene         This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har         For more information go to www.P65Warnings.ca.gov
11.3 11.4 11.5	Chronic Toxicity: Suspected Carcinogen:	Limonene LD <sub>50</sub> (oral, rat): 4400         See section 4.4         See section 4.5         The following ingredient is listed on IARC 3 - Group 3 (Not classifiable as to its carcinogenicity to humans): Limonene         This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har         For more information go to www.P65Warnings.ca.gov         This product is not reported to produce reproductive toxicity in humans.
11.3 11.4 11.5	Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity:	Limonene LD <sub>50</sub> (oral, rat): 4400         See section 4.4         See section 4.5         The following ingredient is listed on IARC 3 - Group 3 (Not classifiable as to its carcinogenicity to humans): Limonene         This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har         For more information go to www.P65Warnings.ca.gov         This product is not reported to produce reproductive toxicity in humans.         This product is not reported to produce mutagenic effects in humans.
11.3 11.4 11.5	Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity:	Limonene LD <sub>50</sub> (oral, rat): 4400         See section 4.4         See section 4.5         The following ingredient is listed on IARC 3 - Group 3 (Not classifiable as to its carcinogenicity to humans): Limonene         This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har         For more information go to www.P65Warnings.ca.gov         This product is not reported to produce reproductive toxicity in humans.         This product is not reported to produce mutagenic effects in humans.         This product is not reported to produce embryotoxic effects in humans.
11.2 11.3 11.4 11.5 11.6	Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity:	Limonene LD <sub>50</sub> (oral, rat): 4400         See section 4.4         See section 4.5         The following ingredient is listed on IARC 3 - Group 3 (Not classifiable as to its carcinogenicity to humans): Limonene         This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har         For more information go to www.P65Warnings.ca.gov         This product is not reported to produce reproductive toxicity in humans.         This product is not reported to produce mutagenic effects in humans.
11.3 11.4 11.5	Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity:	Limonene LD <sub>50</sub> (oral, rat): 4400         See section 4.4         See section 4.5         The following ingredient is listed on IARC 3 - Group 3 (Not classifiable as to its carcinogenicity to humans): Limonene         This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har         For more information go to www.P65Warnings.ca.gov         This product is not reported to produce reproductive toxicity in humans.         This product is not reported to produce mutagenic effects in humans.         This product is not reported to produce embryotoxic effects in humans.         This product is not reported to cause teratogenic effects in humans.
11.3 11.4 11.5 11.6	Chronic Toxicity: Suspected Carcinogen: Reproductive Toxicity: Mutagenicity: Embryotoxicity: Teratogenicity: Reproductive Toxicity:	Limonene LD <sub>50</sub> (oral, rat): 4400         See section 4.4         See section 4.5         The following ingredient is listed on IARC 3 - Group 3 (Not classifiable as to its carcinogenicity to humans): Limonene         This product does not contain any chemicals known to the State of California to cause cancer or other reproductive har         For more information go to www.P65Warnings.ca.gov         This product is not reported to produce reproductive toxicity in humans.         This product is not reported to produce mutagenic effects in humans.         This product is not reported to produce embryotoxic effects in humans.         This product is not reported to cause teratogenic effects in humans.         This product is not reported to cause teratogenic effects in humans.         This product is not reported to cause teratogenic effects in humans.         This product is not reported to cause teratogenic effects in humans.         This product is not reported to cause teratogenic effects in humans.         This product is not reported to cause reproductive effects in humans.



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	12. ECOLOGICAL INFORMATION				
12.1	Environmental Stability:	There are no specific data available for this product.			
12.2	Effects on Plants & Animals:	There are no specific data available for this product.			
12.3	Effects on Aquatic Life:	There are no specific data available for this product.			

# **13. DISPOSAL CONSIDERATIONS**

 13.1
 Waste Disposal:
 Waste disposal must be in accordance with appropriate Federal, state, and local regulations.

 13.2
 Special Considerations:
 U.S. EPA Waste Number: D001 (characteristic - ignitable).

# **14. TRANSPORTATION INFORMATION**

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.			
14.1	49 CFR (GND):	CONSUMER COMMODITY, ORM-D (IP VOL $\leq$ 1.0 L) – until 12/31/20 UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL $\leq$ 1.0 L)	$\diamond$
14.2	IATA (AIR):	CONSUMER COMMODITY, 9, ID8000 (IP VOL ≤ 0.5 L) UN1950, AEROSOLS, FLAMMABLE, 2.1 (LTD QTY, IP VOL ≤ 0.5 L)	
14.3	IMDG (OCN):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL $\leq$ 1.0 L)	$\diamond$
14.4	TDGR (Canadian GND):	MARK PACKAGE ("LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (IP VOL $\leq$ 1.0 L) or UN1950, AEROSOLS, FLAMMABLE, 2.1 (LTD QTY, IP VOL $\leq$ 1.0 L)	$\diamond$
14.5	ADR/RID (EU):	UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)	$\diamond$
14.6	SCT (MEXICO):	UN1950, AEROSOLES, 2.1 (CANT. LTDA., IP VOL ≤ 1.0 L)	$\diamond$
14.7	ADGR (AUS):	UN1950, AEROSOLS, 2.1 ( LTD QTY, IP VOL ≤ 1.0 L)	$\diamond$

		15. REGULATORY INFORMATION
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.
15.2	SARA TPQ:	There are no specific Threshold Planning Quantities for the components of this product.
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
15.4	CERCLA Reportable Quantity:	NA
15.5	Other Federal Requirements:	This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter C (Cosmetics). This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS B5, D2B (Aerosol, Other Toxic Effects)
15.7		
		This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
15.8	Other Requirements:	NA



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	16. OTHER INFORMATION		
16.1	Other Information:	WARNING! FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. Use only as directed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing fume/gas/mist/vapors/spray. Wash hands and exposed skin areas with soap and warm thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/eyewear. IF ON SKIN: Wash with plenty warm water and soap. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use Water, Foam, CO <sub>2</sub> , Dry Chemical, Halon (if authorized), to extinguish. Store in a well-ventilated place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). KEEP OUT OF REACH OF CHILDREN.	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Shield Packaging of CA's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and NO WARRANTIES OF ANY TYPE, EXPRESSED OR IMPLIED, ARE PROVIDED INCLUDING THE WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	Shield Packaging of CA, Inc.           5165 "G" Street           Chino CA 91710 USA           Tel: +1 (909) 628-4707           Fax: +1 (909) 591-8916           http://www.shieldpackaging.com	
16.5	Prepared by:	ShipMate, Inc.         P.O. Box 787         Sisters, Oregon 97759-0787 USA         Tel: +1 (310) 370-3600         Fax: +1 (310) 370-5700         http://www.shipmate.com	



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## **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### **GENERAL INFORMATION:**

umber

#### EXPOSURE LIMITS IN AIR:

ACGIH	ACGIH American Conference on Governmental Industrial Hygienists	
IDLH Immediately Dangerous to Life and Health		
NOHSC National Occupational Health and Safety Commission (Australia)		
OSHA U.S. Occupational Safety and Health Administration		
PEL Permissible Exposure Limit		
STEL	Short Term Exposure Limit	
TLV	Threshold Limit Value	
TWA	Time Weighted Average	

#### FIRST AID MEASURES:

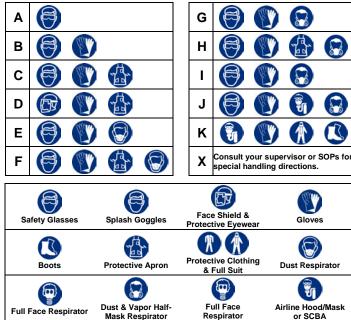
CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

#### PERSONAL PROTECTION RATINGS:



#### OTHER STANDARD ABBREVIATIONS:

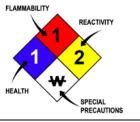
Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA		
FLAMMABILITY LIMITS IN AIR:		
	Minimum temperature required to initiate combustion in air with no	
Temperature	of ignition	

Autoignition	Minimum temperature required to initiate combustion in air with no other source	
Temperature	of ignition	
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source	
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source	

#### HAZARD RATINGS:

0	Minimal Hazard	FL
1	Slight Hazard	FL
2	Moderate Hazard	
3	Severe Hazard	
4	Extreme Hazard	
ACD	Acidic	
ALK	Alkaline	
COR	Corrosive	
W	Use No Water	HE
ох	Oxidizer	
TREFOIL	Radioactive	



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC 50	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>Io</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC <sub>o</sub> , LC <sub>lo</sub> , & LC <sub>o</sub>	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

#### **REGULATORY INFORMATION:**

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)

#### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

$\bigcirc$	۲	٢		Ð	<b>(</b>		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

#### CLP/GHS (1272/2008/EC) PICTOGRAMS:

			$\Diamond$					
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

NAME OF PRODUCT: BLONDE COLOR CARE PURPLE SHAMPOO

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BLONDE COLOR CARE PURPLE SHAMPOO Bulk Number: GHC071416BCCPS\_KMJ

MANUFACTURER: Marianna Industries Inc. ADDRESS: 11222 | St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211

CHEMICAL FAMILY: Surfactant.

PRODUCT USE: Shampoo to clean hair. PREPARED BY: Kajsa Jackson DATE PREPARED: 18JUL16

SECTION 1 NOTES:

SECTION 2: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** 

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

EYES: Redness, pain. Blurred vision. Burning sensation.

SKIN: Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT:** A proprietary blend of surfactants and other ingredients.

#### SECTION 4: FIRST AID MEASURES

EYES: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

NAME OF PRODUCT: BLONDE COLOR CARE PURPLE SHAMPOO

	•	
SECTION 4 NOTES:	ч.	-terperature
	·	
SECTION 5: FIRE-FIGHTING MEASURES		
FLASH POINT: N/A (water solution)		
		And
EXTINGUISHING MEDIA: Will not support combustion		
SPECIAL FIRE FIGHTING PROCEDURES: None known.		
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.		
HAZARDOUS DECOMPOSITION PRODUCTS: None known.		CARLOWARD
SECTION 5 NOTES:		
SECTION 6: ACCIDENTAL RELEASE MEASURES		
ACCIDENTAL RELEASE MEASURES:		
Personal precautions : Keep public away from danger a	area. Equip cleanup crew with proper protection. No	

smoking.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

#### **SECTION 6 NOTES:**

SECTION 7: HANDLING AND STOR	AGE	
HANDLING AND STORAGE:		
Stable under normal conditions.		
SECTION 7 NOTES:	4	
SECTION 8: EXPOSURE CONTROLS/PE	ERSONAL PROTECTION	·····
ENGINEERING CONTROLS: None requi	ired under normal use	
VENTILATION : None required under n	ormal use	
<b>RESPIRATORY PROTECTION:</b> None red	quired under normal use	

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

PAGE 2 OF 4

SECTION 8 NOTES:

¢ ....

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Dark Purple

**ODOR: Pleasant** 

**PHYSICAL STATE: liquid** 

pH AS SUPPLIED: pH (Other): 3.75-7.00 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 8.25-8.7

**SOLUBILITY IN WATER: Complete** 

MOLECULAR WEIGHT: VISCOSITY: 10,000-24,000 @22C

,			
SECTION 9 NOTES:			
SECTION 10: STABILITY AND F	REACTIVITY		
	STABLE	UNSTABLE	
STABILITY: Normally stable			
CONDITIONS TO AVOID (STAB	ILITY): Freezing or High heat.		
n N			
SECTION 10 NOTES:			
SECTION 11: TOXICOLOGICAL	_ INFORMATION		
	DN:		
SECTION 11 NOTES: None av	ailable		
SECTION 12: ECOLOGICAL IN	FORMATION		
ECOLOGICAL INFORMATION:	No data available		
SECTION 12 NOTES:			

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES:

.

NAME OF PRODUCT: BLONDE COLOR CARE PURPLE SHAMPOO

#### SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Shampoo

:

WATER TRANSPORTATION PROPER SHIPPING NAME: Shampoo

AIR TRANSPORTATION PROPER SHIPPING NAME: Shampoo

**SECTION 14 NOTES:** 

#### SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES:

**SECTION 16: OTHER INFORMATION** 

**OTHER INFORMATION:** 

#### **PREPARATION INFORMATION:**

#### DISCLAIMER:

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NAME OF PRODUCT: Violet Leave in Spray – Comp to Cool Ice

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Violet Leave in Spray – Comp to Cool Ice Bulk Number: G051217VLISCCI(R02)\_KLL

MANUFACTURER: Marianna Industries INC ADDRESS: 11222 | St.

EMERGENCY PHONE: (800) 457-4280 INFOTRAC PHONE: (800) 457-4280 MANUFACTURER Phone: (402) 593-0211 FAX PHONE:

PRODUCT USE: Conditioner for softening Hair. PREPARED BY: Katelin lusch DATE PREPARED: 12MAY17

SECTION 1 NOTES:

#### **SECTION 2: HAZARDS IDENTIFICATION**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.\*

#### EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Skin and eyes contact.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Redness, pain. Blurred vision. Burning sensation.

**SKIN:** Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

**INGESTION:** Abdominal pain, nausea.

INHALATION: None known.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u> Non-hazardous ingredients need not be listed. This product is a proprietary blend of quaternary ammomium surfactants, non-ionic emulsifiers, oils and Fatty Alcohols and does not contain any hazardous substances as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

#### SECTION 4: FIRST AID MEASURES

**EYES:** Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN: : Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, consult a physician.

INHALATION: N/A

NAME OF PRODUCT: Violet Leave in Spray - Comp to Cool Ice

SECTION 4 NOTES: N/A

### SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (water solution)

EXTINGUISHING MEDIA: Will not support combustion

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 5 NOTES: N/A

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

### ACCIDENTAL RELEASE MEASURES:

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

SECTION 6 NOTES: N/A

### SECTION 7: HANDLING AND STORAGE

#### HANDLING AND STORAGE:

Stable under normal conditions.

SECTION 7 NOTES: N/A

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use

**VENTILATION** : None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

EYE PROTECTION: None required under normal use

SKIN PROTECTION: None required under normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use

WORK HYGIENIC PRACTICES: None required under normal use

SECTION 8 NOTES: N/A

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Voilet Glimmery Liquid

**ODOR:** Pleasant

PHYSICAL STATE: liquid

pH AS SUPPLIED: pH (Other): 4.00-5.50 BOILING POINT: F: 220F SPECIFIC GRAVITY (H2O = 1): 0.947-1.020

SOLUBILITY IN WATER: Complete

MOLECULAR WEIGHT: VISCOSITY: n/a @22C

SECTION 9 NOTES: N/A

SECTION 10: STABILITY AND REACTIVITY	
--------------------------------------	--

<u>STABLE</u>

UNSTABLE

**STABILITY:** Normally stable

CONDITIONS TO AVOID (STABILITY): Freezing or High heat.

SECTION 10 NOTES: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES: None available

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available ...

SECTION 12 NOTES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in a safe manner in accordance with local/national regulations

RCRA HAZARD CLASS:

SECTION 13 NOTES: N/A

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Conditioner NAME OF PRODUCT: Violet Leave in Spray – Comp to Cool Ice

#### WATER TRANSPORTATION PROPER SHIPPING NAME: Conditioner

AIR TRANSPORTATION PROPER SHIPPING NAME: Conditioner

SECTION 14 NOTES: N/A

:

SECTION 15: REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS** 

No known Hazards

STATE REGULATIONS: No known Hazards

INTERNATIONAL REGULATIONS: No known Hazards

SECTION 15 NOTES: N/A

#### SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

#### DISCLAIMER:

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## MATERIAL SAFETY DATA SHEET GHC Systems

#2-501 Cartwright St. Saskatoon, SK S7T 1E1 Non-Emergency (306) 242-0495 EMERGENCY: (306) 978-7458

Revised: 02/07

I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: Surface Locking Lotion

CHEMICAL NAME: Hydrogen Peroxide Aqueous Solution

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: N/A

II. SUMMARY OF HAZARDS

Oxidizer: Contact with combustibles may cause fire. Decomposes yielding oxygen that supports combustion of organic matters and can cause overpressure if confined. Corrosive to eyes, skin, nose, throat and lungs. May cause irreversible tissue damage to eyes including blindness.

## III. HAZARDOUS COMPONENTS

EXPOSURE LIMITS					
<u>NAME</u>	CAS NO. %	PEL	TLV	<u>OTHER</u>	
Hydrogen Peroxide	7722-84-1 <2%	N/A	N/A	N/A	

IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 104-113°C	FLASH POINT: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 0.9959-1.001@22°C
pH: 2.50 – 3.00 @ 22°C	EVAPORATION RATE: N/A

APPEARANCE/ODOR: Creamy Liquid, white in color with a pleasant odor.

TOXICOLOGICAL INFORMATION: Primary Irritative Effect.

## ECOLOGICAL INFORMATION:

Behavior in water treatment plants ---- Hydrogen Peroxide decomposes to oxygen and water. The product does not contain any inorganically bonded Halogen. The product does not contain any heavy metals and compounds from EC directive No. 76/464.

## V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

	TOXICITY DATA
LD50	<u>LC50</u>

CHEMICAL NAME Hydrogen Peroxide

FIRST AID:

EYE CONTACT: Expected to cause eye irritation and / or burns. As a liquid, vapor or aerosol, this product could cause corneal damage, which may occur several days later. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and consult a physician.

SKIN CONTACT: Expected to cause skin irritation and / or burns. As the concentration and / or time of exposure increases, the extent of skin damage increases. In case of contact, remove any contaminated clothing and wash skin with soap and water for at least 15 minutes and consult a physician and / or seek medical attention.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

INHALATION: Expected to be irritating to the respiratory tract. If inhaled, remove to fresh air. Give oxygen if breathing is difficult.

INGESTION: Expected to cause burns to the gastrointestinal tract. If swallowed, do not induce vomiting. Give a glass of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: Medical conditions such as conjunctivitis of the eye, dermatitis of the skin, asthma and respiratory diseases can be aggravated by exposure to this product.

## VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: Chemical goggles or full – face shield.

PROTECTIVE GLOVES: Neoprene, butyl rubber or vinyl gloves.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure limits listed in Section III by using engineering controls. If not feasible, use a NIOSH approved airpurifying respirator with approved filters and / or absorbents.

Surface Locking Lotion

VENTILATION: Refer to "Industrial Ventilation" by ACGIH for a manual of recommended practices.

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water.

## VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER: N/A V/A

EXTINGUISHING MEDIA: <u>**Do NOT**</u> use Carbon Dioxide extinguisher or Organic Compounds on this Material: Use only Water or Appropriate Foam to fight fires in which this material is involved. Apply vast amounts of water or appropriate foam for dilution.

FIRE FIGHTING INSTRUCTIONS: Evacuate area and fight fire from safe distance as in any fire wear self-contained positive pressure breathing apparatus (MSHA/ NIOSH Approved or Equivalent) and full protective gear. Containers can build up pressure if exposed to heat. Cool with Water Spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Strong Oxidizer, contact with combustible materials may cause a fire. Release of oxygen may support combustion. Contact with incompatible materials (e.g. metals, alkalis, and reducing agents) will cause hazardous decomposition resulting in the release in large quantities of heat, steam, and oxygen gas. Exposure to heat may cause hazardous decomposition. Lower Explosive Limit: Hydrogen Peroxide Vapors (Greater than 40% by weight). Product spontaneously decomposes above 150 degrees Celsius. A severe detonation hazard may exist when mixed with organic liquids e.g. (Kerosene or Gasoline).

## VIII. REACTIVITY DATA

STABILITY: Stable under normal storage conditions.

INCOMPATIBILITY: Heavy Metals, Heavy Metal Ions/Salts, Rust, Alkali, Organic Compounds, Reducing Agents, Dust and Dirt.

HAZARDOUS PRODUCTS OF THERMAL COMPOSITION: Oxygen, which will support the combustion of flammable materials.

HAZARDOUS POLYMERIZATION: Will Not Occur.

## IX. ENVIRONMENTAL & DISPOSAL INFORMATION

GENERAL: CERCLA/SARA required notification to the appropriate Federal, State and Local authorities of releases of hazardous or extremely Hazardous quantities equal to or greater than the Reportable Quantities in 40 CFR 302.4 and 40 FR 355.

ACTION TO TAKE FOR SPILLS/LEAKS: Eliminate the source of the spill, wash area with large quantities of water.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Handling: Wash thoroughly after handling. Follow all MSDS / Label precautions even after container is emptied because it may retain product residues. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing.

Storage: Do not store near combustible materials. Store in a cool, dry place. Keep container closed when not in use. Recommended container materials: Polyvinyl chloride (rigid PVC). Polyethylene. Polypropylene. Use adequate venting devices on all packages, containers and tanks and check correct operation periodically.

Do NOT confine product in un-vented vessels or between closed valves. Risk of overpressure and bursting due to decomposition in confined spaces and pipes. Polytetrafluroethylene (PTFE), Vanadium Steel: 316 stainless steel, passivated, Aluminum > 99.5%, passivated, Aluminum Magnesium Alloys, passivated. Consult appropriate authorities regarding the storage requirements for liquid oxidizers e.g. NFPA 430.

## XI. SHIPPING INFORMATION

U.S. DOT Transport Information: This is dependent on the Size and % Peroxide Shipped when Shipping and Labeling this Chemical.

Proper Shipping Name: Hydrogen Peroxide Aqueous Solution

Hazard Class: 5.1 Packing Group: III

Transport Label Required: Oxidizer

UN Number if Applicable: UN 2984 ERG. Number: N/A

Additional Markings: Shipping Restrictions: Air forbidden for concentrations greater than 40%

For Concentrations 40% or below: Passenger Aircraft: 1L Max. / pkg. Cargo Aircraft only: 5L Max. / pkg.

If this Chemical does NOT exceed 8% Peroxide content, NO REGULATIONS APPLY.

If this Chemical is Not over a Gallon and is between 8-20 % Peroxide content it qualifies as a Limited Quantity and should be labeled: Consumer Commodity ORM-D

If this Chemical is between 8 - 20 % and is OVER 1 GALLON SIZE it needs the following information: A) 5.1 Placard (Oxidizer)

B) Chemical Name, A Hydrogen Peroxide Label and an UN Number.

Examples of the Hydrogen Peroxide Content via a 10, 20, 30, 40, and 50 Volume Peroxide is as follows: (Approximately): 10 Volume = 3% Peroxide, 20 Volume = 6 % Peroxide 30 Volume = 9 % Peroxide, 40 Volume = 12 % Peroxide and a

50 Volume = 15% Peroxide.

(At this time Marianna Industries, Inc does NOT produce anything over a 50 Volume = 15 % Peroxide Content.

## XII. ADDITIONAL INFORMATION

<u>This Material is an oxidizing chemical.</u> <u>HMIS Ratings: Health-3 Flammability – 0 Reactivity – 1</u>

<u>NFPA Ratings: Health-3 Flammability -0 Reactivity - 1</u> THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the Product Manager at address or phone number listed on page one.

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Surface Locking Lotion

## MATERIAL SAFETY DATA SHEET

GHC Systems #2-501 Cartwright St. Saskatoon, SK S7T 1E1 Non-Emergency (306) 242-0495 EMERGENCY: (306) 978-7458

Revised: 07/06

I. PRODUCT INFORMATION

Page 1

CUSTOMER NAME: Surface Smooth and Healthy Protein Smoothing Treatment

PRODUCT NAME: Smooth & Healthy Smoothing Cream

CHEMICAL NAME: Consumer Commodity

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: N/A

II. SUMMARY OF HAZARDS

Product is toxic and poisonous if swallowed. Product is a known skin, eye and inhalation irritant.

## III. HAZARDOUS COMPONENTS

			EXPOSURE L	IMITS
NAME	<u>CAS NO. %</u>	PEL	TLV	<u>OTHER</u>
Ammonium Hydroxide <2%	7664-41-7	50 ppm	25 ppm (twa)	35 ppm (stel)
CYSTEAMINE HCL <12%	156-57-0			

IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 220° F	VAPOR PRESSURE: N/A
MELTING POINT: N/A	VAPOR DENSITY: N/A
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 1.038 – 1.042 @ 22° C
pH: 8.00 - 10.25 @ 22° C	EVAPORATION RATE: N/A

APPEARANCE/ODOR: White creamy liquid with a chemical odor

## V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

#### TOXICITY DATA

<u>CHEMICAL NAME</u> Ammonium Hydroxide Cysteamine HCl LD50 350 mg/kg (rat) 1352 mg/kg (mouse)

LC50 0.1 ppm 24 hours (rainbow trout)

EYE CONTACT: Immediately flush eyes with plenty of water for at least 30 minutes. Call a physician if irritation persists.

SKIN CONTACT: Remove any contaminated clothing. Wash skin with soap and water for at least 30 minutes. Get medical attention if irritation develops or persists.

SKIN ABSORPTION: Wash skin with soap and water. Wear gloves to reduce chance of skin irritation.

INHALATION: Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

INGESTION: Do not induce vomiting. If conscious, give lots of water. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

CHRONIC EFFECTS OF EXPOSURE: None expected

OTHER HEALTH EFFECTS: None expected

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: Safety eyewear with splashguards

PROTECTIVE GLOVES: Rubber gloves

**RESPIRATORY PROTECTION:** None required

OTHER PROTECTION: Protective clothing, eyewash and shower

VENTILATION: Mechanical required and local exhaust recommended

PERSONAL HYGIENE/WORK PRACTICES: Wash hands thoroughly with soap and water

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Dry chemical, foam, Water or Carbon Dioxide

FIRE FIGHTING INSTRUCTIONS: Wear normal fire-fighting gear Surface Smooth and Healthy Protein Smoothing Treatment

## VIII. REACTIVITY DATA

STABILITY: Normally stable

INCOMPATIBILITY: Strong oxidizers and acids, copper, aluminum, zinc, galvanized metals, gold, silver and alloys of these materials.

HAZARDOUS PRODUCTS OF DECOMPOSITION: Hydrogen Chloride gas, Ammonia gas and oxides of Nitrogen

HAZARDOUS POLYMERIZATION: Will not occur

## IX. ENVIRONMENTAL & DISPOSAL INFORMATION

<u>ACTION TO TAKE FOR SPILLS/LEAKS</u>: Avoid runoff into storm sewers and ditches that lead to natural waterways. Soak up with absorbent, shovel into waste container, flush area with water. Wear alkali-resistant slicker suit and complete protective equipment including rubber gloves and boots.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Store in a cool, dry place.

XI. SHIPPING INFORMATION

LAND TRANSPORT: (adr/rid/GGVS/GGVE)

IDENTIFICATION: Toxic Liquid Organic

CLASS/NUMBER/LETTER: 6.1/25c

HAZARD NUMBER: 60

XII. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at the address or phone number listed on page one.

Page 3

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Surface Smooth and Healthy Protein Smoothing Treatment

## **SAFETY DATA SHEET**

## SURFACE POWDER

Revision

**Revision Date:** 

Original 10/11/2017

Section 1. IDENTIFICATIO	N OF THE SUBSTANCE/PREPARATION AND THE COMPANY
Product Name:	Surface Powder
Description:	Hair powder for texture and volume

Manufacturer: Liquid Technologies, Inc 14425 Yorba Avenue Chino, CA 91710

Telephone

#### 800-424-9300 CHEMTREC US 703-527-3887 CHEMTREC INTERNATIONAL COLLECT CALLS ACCEPTED

Fax

## Section 2. HAZARDS IDENTIFICATION

#### Main Hazards No significant hazards Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

	_			Symbols/Risl
	Conc.	CAS	EINECS	Phases
Silica Silylate	80-99.9%	68909-20-6	272-697-1	
Kaolin	<0.1%	1332-58-7	n/a	1
Tapioca Starch	<0.1%	9005-25-8	232-679-6	1
Corn Starch Modified	<0.1%	n/a	n/a	
Aloe Barbadensis Leaf Juice	< 0.1%	85507-69-3	287-390-5	
Orbignya Oleitera Seed Oil	<0.1%	91078-92-1	293-376-2	
Hydrolyzed Amaranth Protein	<0.1%	n/a	n/a	
Phospholipids	<0.1%	123465-35-0	n/a	
Tocopheryl Acetate	<0.1%	58-95-7	200-405-4	
Retinyl Palmitate	< 0.1%	79-81-2	201-228-5	
Ascorbyl Palmitate	<0.1%	137-66-6	205-305-4	
Linum Usitatissimum (Linseed) Seed Oil	<0.1%	8001-26-1	232-278-6	
Hydrolyzed Soy Protein	<0.1%	68607-88-5	271-770-5	
Hydrolyzed Vegetable Protein PG-Propyl Silanetriol	<0.1%	467234-53-3	n/a	
Ceramide NP	<0.1%	n/a	n/a	
Fourmaline Extract	<0.1%	n/a	n/a	
Caprylyl Glycol	<0.1%	1117-86-8	214-254-7	
Phenoxyethanol	<0.1%	122-99-6	204-589-7	
Tetrasodium EDTA	< 0.1%	64-02-8	200-573-9	
Chlorphenesin	<0.1%	104-29-0	203-192-6	
Butylene Glycol	<0.1%	107-88-0	203-259-7	
Hexylene Glycol	<0.1%	107-41-5	203-489-0	T
Salicylic Acid	<0.1%	69-72-7	200-712-3	1
Sodium Benzoate	< 0.1%	532-32-1	208-534-8	

## ction 4. FIRST AID IV

Skin Contact:

Flush with copious amounts of water. If irritation persists seek medical

attention.

Eye Contact: Flush with copious amounts of water. If irritation persists seek medical

	attention.		
Ingestion:	Do not ingest. Seek Medical attention.		
Inhalation:	If vapors or fumes cause irritation, remove exposed person to fresh air. If		
	irritation persists seek medical attention		
Section 5. FIRE FIGH			
Flammability Classific			
Extinguishing Media:	•		
Protective equipmen			
Unusual Fire and Exp			
A SAME OF STATE OF ST	AL RELEASE MEASURES		
Clean up method:	Absorb/recover material. Place in waste container. Clean spillage area thoroughly		
clean up methou.	contaminated surfaces will become slippery		
Disposal method:	Dispose of according to local, state/federal regulations. US disposal must be carried		
Disposal methou.			
Section 7. HANDLING	out under EPA, State and Federal laws.		
Storage:	Keep in a cool, dry well ventilated place. Protect containers from extreme		
	temperatures and damage. Store in correctly labeled containers in a hygienic		
	environment.		
	CONTROLS and PERSONAL PROTECTION		
Engineering Control:	Ventilation- local exhaust		
Respiration Control:	Not required under normal use conditions		
Occupation exposure	Keep away from food, drink and animal feeding stuffs		
controls:			
Protective Gloves:	Optional		
n de la compañía de s	Avoid contact with eyes - goggles optional		
Section 9: PHYSICAL	and CHEMICAL PROPERTIES		
pH:	n/a		
Appearance:	Fine, white powder		
% Volatile/ Volume:	0.00%		
Water Solubility	insoluble		
Section 10. STABILITY	and REACTIVITY		
Stability	Stable under normal conditions		
Hazardous Polymeriza	ation: XWill not occurMay occur		
ncompatibility(materi	ials to avoid ) Strong Oxidizers and reducing agents		
Conditions to avoid:	Extreme Heat or freezing temperatures		
	GICAL INFORMATION		
Acute Toxicity	No specific toxicological testing has been carried out on this product. All ingredients		
•	have been incorporated under the controls of current legislation		
Corrosivity	May cause irritation to eyes		
Repeated or	May cause irritation to skin		
Prolonged Exposure			
ection 12. ECOLOGIC	AI INFORMATION		
Aobility	water dispersable		
Degradability	Avoid uncontrolled release of this material in the environment. Readily		

#### Section 13. DISPOSAL CONSIDERATIONS

General InformationDispose of in accordance with all local and national regulationsPackaging DisposalContainers can be recycled in compliance with all local and national regulations

#### Section 14. TRANSPORT INFORMATION

Further Information	This product is not classified as a dangerous for carriage
	Not regulated by Department of Transportation (DOT)

#### Section 15. REGULATORY INFORMATION

Risk Phrases	NSH - No Significant Hazard
Safety Phrases	S2 - Keep Out of Reach of children
	S25 - Avoid Contact with Eyes
Further Information	Seek medical attention if irritation or symptoms persist
	Store in a cool dry area
TSCA	N/A
SARA Title III,	N/A
Section 313(40CFR372)	
California VOC	This formula contains 0% Volatile Organic Compounds
<b>Guidance Notes</b>	California Proposition 65- To the best of our knowledge, this products does not
	contain any ingredients that the State of California has found to cause cancer,
	birth defects or other reproductive abnormalities.
Section 16. OTHER IN	IFORMATION
Text of Risk Phrases	Xi - Irritant

Text of Risk Phrases	Xi - Irritant
in Section 3	R43 - May cause sensitization by skin contact

**Further Information** The information supplied in the Safety Data Sheet is designed only as guidance for the safe use and handling of the product. The information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy.

## MATERIAL SAFETY DATA SHEET

Manufactured by: Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Distributed by: GHC Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: (306) 281-4388

Revised: 2/09			
I. PRODUCT INFORM	ATION	Page 1	
PRODUCT NAME: Surfac	ce Hair Bliss Sm	oothing Cream	
CHEMICAL NAME: N/A			
CAS NUMBER: N/A			
CHEMICAL FAMILY: N/A			
CHEMICAL FORMULA: N/	'A		
II. SUMMARY OF HAZ	ZARDS		
No known hazards.			
III. HAZARDOUS COMPONENTS			
NAME	CAS NO. %	EXPOSURE LIMITS <u>PEL TLV OTHER</u>	
IV. CHEMICAL AND PHYSICAL PROPERTIES			
BOILING POINT: 212° F		FLASH POINT: N/A	
MELTING POINT: N/A		VAPOR DENSITY: N/A	
SOL. IN WATER: Complete		SPECIFIC GRAVITY: 0.964-0.997 @ 22° C	
pH: 6-7		EVAPORATION RATE: N/A	
APPEARANCE/ODOR: Creamy White, thick liquid with pleasant fragrance			

## V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

CHEMICAL NAME

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion.

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

STABILITY: Normally stable

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

## XI. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate waste container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at the address or phone number listed on page one.

## DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

Surface Hair Bliss Smoothing Cream

## MATERIAL SAFETY DATA SHEET

Manufactured by: Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296

Distributed by: **GHC** Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: Infotrac (306) 281-4388

Revised: 2/09

I. PRODUCT INFORMATION Page 1 PRODUCT NAME: Crave Styling Paste CHEMICAL NAME: N/A CAS NUMBER: N/A CHEMICAL FAMILY: N/A CHEMICAL FORMULA: N/A II. SUMMARY OF HAZARDS No known hazards. III. HAZARDOUS COMPONENTS EXPOSURE LIMITS NAME CAS NO. % PEL TLV OTHER IV. CHEMICAL AND PHYSICAL PROPERTIES BOILING POINT: 212° F FLASH POINT: N/A MELTING POINT: N/A VAPOR DENSITY: N/A SOL. IN WATER: Complete SPECIFIC GRAVITY: 0.964-0.997 @ 22° C

**EVAPORATION RATE: N/A** 

pH: 6-7

APPEARANCE/ODOR: Creamy White, thick liquid with pleasant fragrance

## V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

CHEMICAL NAME

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion.

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

STABILITY: Normally stable

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

## XI. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate waste container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

Χ.	PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE	
11.	THEORIGING FOR STILL HARDER (O, STORATOL HARD COL	

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

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Crave Styling Paste

## MATERIAL SAFETY DATA SHEET

Manufactured by: Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296

Distributed by: **GHC** Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: (306) 281-4388

Revised: 02/09

I. PRODUCT INFORMATION Page 1

1 COTT

CHEMICAL NAME: Surface Hair Impulse Thermal & Finishing Spray

CAS NUMBER: N/A

CHEMICAL TYPE: Mixture

CHEMICAL STATE: Liquid

DICDEDIENTC

INGREDIENTS:		SARA	A OSHA	ACGIH
		EHS NTP IARC SUB Z 313		
CAS No.	Chemical Name	% by Weight/Weight		
64-17-5	Ethanol	< 55	1000 ppm	1000 ppm
67-64-1	Acetone	<18	500 ppm	500 ppm
II. <u>HAZARDOUS</u> Hazard Category:	DENTIFICATION:			
X Acute	X Chronic	X Fire Press	sure	Reactive

Hazardous Identification Information:

Poisonous! Danger! May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Vapor is Harmful. Flammable! Affects central nervous system. Causes irritation to skin, eyes, and respiratory tract. May affect liver, blood, reproductive system.

WARNING! Contents FLAMMABLE! Do not spray near open flame or while smoking. Do not smoke until hair is fully dry. Avoid spraying in eyes. If eye contact occurs, rinse promptly with plenty of water. Do not store at temperatures above 120° F. KEEP OUT OF REACH OF CHILDERN. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

III. HAZARDOUS COM	IPONENTS			Page 2
		EXPO	DSURE LIMITS	5
CHEMICAL NAMES	CAS NO. %	PEL	TLV	<u>OTHER</u>
Alcohols				
N.O.S. Ethanol/Acetone				

## IV. FIRST AID MEASURES:

<u>EYE CONTACT:</u> Liquid and vapor may cause irritation. Splashes may cause temporary pain and blurred vision. Remove Contaminated Clothing. Clean before reuse Flush immediately with cool running water for at least 15 to 20 minutes, separating eyelids with fingers. Consult a physician.

<u>SKIN CONTACT</u>: May cause irritation, cracking, flaking, and de-fatting of skin on prolonged contact. . Remove contaminated clothing. Clean before reuse. Wash with soap and water, then rinse with water. Consult a physician

<u>INHALATION</u>: May cause irritation to the mucous membranes of the upper respiratory tract. Exposure over 1000 ppm may cause headache, drowsiness, lassitude, loss of appetite, inability to concentrate, and throat irritation. Immediately remove to fresh air. If victim has stopped breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention immediately.

I<u>INGESTION:</u> Can cause depression of Central Nervous System, nausea, vomiting, diarrhea, intoxication, and in acute cases can cause death. May be harmful or fatal if swallowed. Conscious or able to swallow—Have victim drink water or milk to dilute. Never Give Anything By Mouth If Unconscious or Convulsing. Call a Physician and / or Poison Control Immediately. Induce vomiting only if advised by the Physician or Poison Control. Immediate medical attention may be necessary.

<u>CHRONIC EFFECTS OF EXPOSURE</u>: Damage may occur to heart, kidneys and liver. People with pre-existing skin disorders, eye problems, or impaired kidney or liver function bay be more susceptible to effects.

## V. EXPOSURE CONTROL MEASURES

Ventilation is needed where vapors escape to workplace air.

EYE PROTECTION: Safety Glasses and / or Full Face Shield where splashing is possible.

SKIN PROTECTION: Impervious clothing including boots, gloves, lab coat, apron, or coveralls as appropriate.

OTHER PROTECTIVE EQUIPMENT: Eyewash Station and Safety Shower.

RESPIRATORY PROTECTION: Air purifying respirator, NIOSH approved

## VENTILATION: Sufficient exhaust to keep concentration below 1000 ppm

VI: FIRE AND EXPLOSION HAZARD DATA

<u>FLASH POINT: 20 C CC</u> <u>Lower Explosive Limit: (Ethanol) 3.3%</u> <u>Upper Explosive Limit: (Ethanol) 19.0%</u>

<u>EXTINGUISHING MEDIA</u>: Use Dry Chemical: Alcohol Foam, Carbon Dioxide. Water may be ineffective but water should be used to keep fire-exposed container(s) cool.

<u>SPECIAL FIRE FIGHTING INSTRUCTIONS</u>: If leak / spill has not ignited, use water spray to disperse vapors and protect people attempting to stop the leak. Water spray may be used to flush spills away from exposure and to dilute spills to non-flammable mixtures. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece in pressure demand or other positive pressure mode. Water can be used to extinguish flames and cool fire-exposed containers.

<u>UNUSUAL FIRE AND EXPLOSION HAZARDS</u>: Above flashpoint, vapor –air mixtures are explosive. Vapors can flow along surfaces to ignition sources and flash back. Sealed containers may rupture when heated. Sensitive to static discharge. Alcohol flames may be difficult to see because they are virtually colorless. Combustion products include but not limited to Carbon Dioxide and Carbon Monoxide. Vaporizes easily at room temperatures. Prevent buildup of vapors.

## ACCIDENTAL RELEASE MEASURES:

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate protective equipment. Isolate hazard area. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriated container or absorb with an inert material (Vermiculite, dry sand, earth, ect.) and place in a chemical waste container. D NOT use combustible materials, such as sawdust. Do Not flush to sewer!

VII: Physical and Chemical Properties:

BOILING POINT: N/A	FLASHPOINT: 12° C
MELTING POINT: N/A	VAPOR PRESSURE: N/A
SOL. IN WATER: Completely	SPECIFIC GRAVITY: 0.847 – 0.851 @ 22° C
рН: 2-10	EVAPORATION RATE: N/A

VAPOR DENSITY: N/A

APPEARANCE/ODOR OF FINISHED PRODUCT: Clear yellow liquid with a pleasant fragrance

## VIII: STABILITY AND REACTIVITY DATA:

STABILITY: Stable under normal conditions.

<u>INCOMPATIBILITY</u>: (Materials to avoid) Strong Oxidants, Silver Salts, Acid Chlorides, Alkali Metals, Metal Hydrazine, and many other substances.

DECOMPOSITION/ BT PRODUCTS: Carbon Dioxide, Carbon Monoxide.

## HAZARDOUS POLYMERIZATION: None

## IX. ENVIRONMENTAL & DISPOSAL INFORMATION

<u>ACTION TO TAKE FOR SPILLS/LEAKS</u>: Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriated container or absorb with an inert material (vermiculite, dry sand, earth, etc.) and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer.

DISPOSAL METHOD: Dispose of in accordance with all local, state and federal agencies.

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

Protect against physical damage. Store in cool dry, well ventilated area. Keep away from heat, sparks, and flame. Avoid contact with eyes. Keep container closed. Use with adequate ventilation. Ground container when transferring. Vapors may collect in containers. Treat empty containers as hazardous. Sudden release of hot organic chemical vapors / mists from process equipment operating at elevated temperatures may result in ignition with out the presence of obvious ignition sources.

## XI. SHIPPING INFORMATION

## DOMESTIC (LAND D.O.T.)

Proper Shipping Name: Alcohols, N.O.S. (Ethanol/ Acetone) Hazard Class: 3 (Flammable Liquid) UN / NA: UN1987 Packing Group: II Emergency Response Guide # 127

THE SHIPPING CARTON IDENTIFICATION MUST BE LISTED THE SAME AS THE DESCRIPTION ON THE MSDS!!

## **INTERNATIONAL** (Water, I.M.O.)

Proper Shipping Name: Alcohols, N.O.S. (Ethanol/ Acetone) Hazard Class: 3 (Flammable Liquid) Un / NA: UN1987 Packing Group: II Emergency Response Guide # 127 Ethanol:

Soil: Readily biodegrades, quickly evaporates, leaches into groundwater. Water: Readily biodegrades, evaporates to moderate extent. Does not bio-accumulate. Air: Readily degrades by reaction with photo-chemically produced hydroxyl radicals, readily removed by dry and wet deposition, has a half-life between 1 and 20 days/

## XII. ADDITIONAL INFORMATION

## THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at the address or phone number listed on page one.

## DISCLAIMER

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Surface Jump Mousse 3

Section I: <u>General Information</u>	
Chicago Aerosol, LLC 1300 North Street Coal City, Illinois 60416	Emergency Phone: CHEMTREC (800) 424-9300 Information Phone: (815) 634-5100 Date Prepared: 05-01-08 File:
Product is predominantly an aqueous solut hydrocarbon propellants.	ion of a hair fixative resin expelled by halogenated
NMFC Classification: *Toilet Preparatio RVNX, Class 70	ns, N.O.I., In Boxes, NMFC Item 60000,
NFPA Class II Aerosols	
Section II: Hazardous Ingredients/Identit	y Information
Hazardous Components (Specific Chemical	Identity/Common Name) OSHA PEL ACGIH TLV %
Ethane, 1,1-Difluoro CAS# 75-37-6	N/E < 15.0
* These materials subject to requirements SARA TITLE III.	of Section 311, 312 and/or 313 of
Hazard Ratings: Health - 1 Fire - 3	Reactivity – 0 Other - 0
(N/K = Not Known N/E = Not Established	N/A = Not Applicable)
Section III: <u>Physical/Chemical Characteri</u>	<u>stics</u>
Boiling Point (of conc.): 175F Specific Gravity (of conc.): 0.8132 Vapor Pressure of Container (psig @ 70F (Internal pressure will increase wit Vapor Density (AIR=1): N/E Solubility in Water: Complete Appearance and Odor: Concentrate (con fragranced liqui	h temperature.) Evaporation Rate (H2O=1): > 1 c.) is clear to pale yellow non-viscous
Section IV: Fire and Explosion Hazard Da	ta

Flash Point: 65F T.O.C. \* Flammable Limits: LEL 3.3\* UEL 19\* Extinguishing Media: CO2 or dry chemical for small fires. Foam for large fires. Special Fire Fighting Procedures: Addition of water fog will aid in reducing burning rate. Use of NIOSH self-contained breathing apparatus in confined areas. Use water spray to cool fire-exposed containers.
Unusual Fire and Explosion Hazards: Flammable vapors may travel along floor to be ignited by distant ignition sources. Containers exposed to fire may develop sufficient internal pressure to rupture with explosive force.

(\* For pure ethanol)

Section V: <u>Reactivity Data</u>

Section VI: <u>Health Hazard Data</u>

Route(s) of Entry: Inhalation, eye, skin and ingestion.
Health Hazards (Acute and Chronic): Inhalation – irritation of respiratory tract.
Eye – irritation; possible damage from large doses. Ingestion –
irritation of gastro-intestinal tract. Skin – possible irritation from large doses.
Carcinogenicity: N/A
Signs and Symptoms of Overexposure: Inhalation – irritation of gastrointestinal tract, nausea, diarrhea, vomiting. Eye – irritation or burning sensation. Skin – irritation or reddening.
Medical Conditions Generally Aggravated by Exposure: None known when used as directed.
Emergency and First Aid Procedures: Inhalation – remove victim to fresh air, obtain medical attention if necessary. Ingestion – call a physician or poison control center, induce vomiting only on the advice of a physician.
Eyes – flush with water for fifteen (15) minutes, obtain medical attention if irritation persists.

(NOTE: This product is considered safe when used as directed.)

Section VII: Precautions for Safe Handling and Use

Section VIII: Control Measures

Respiratory Protection (Specify Type): None necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors. Ventilation: For salon or home use, always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust acceptable. Protective Gloves: None necessary when product is used as directed. Eye Protection: None necessary when product is used as directed. Always avoid contact with eyes. Work/Hygienic Practices: Normal safe working practices. The information contained herein is based on the data available to us and is believed to be correct to the best of our ability. However, Chicago Aerosol, LLC makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from the intentional or nonintentional misuse of this product.

MSDS7.labdoc

## MATERIAL SAFETY DATA SHEET

<u>Manufactured by:</u> Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Distributed by: GHC Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: (306) 281-4388

Revised: 2/09				
I. PRODUCT INFO	RMATION			Page 1
PRODUCT NAME: Surfa	ce Hair Purify Shar	mpoo		
CHEMICAL NAME: N/A				
CAS NUMBER: N/A				
CHEMICAL FAMILY: N	/A			
CHEMICAL FORMULA	N/A			
II. SUMMARY OF H	IAZARDS			
No known hazards.				
III. HAZARDOUS CO	OMPONENTS			
<u>NAME</u> <u>C</u> A	AS NO. %	<u>PEL</u>	EXPOSURE L <u>TLV</u>	IMITS <u>OTHER</u>
IV. CHEMICAL ANI	PHYSICAL PRO	PERTIES		
BOILING POINT: 220° F		FLASH POINT	: N/A	
MELTING POINT: N/A		VAPOR DENS	ITY: N/A	
SOL. IN WATER: Complete		SPECIFIC GRA	VITY: 1.008 -	1.032 @ 22° C
pH: 6-8	EVAPORATI	ON RATE: N/A		
APPEARANCE/ODOR: 0	Clear liquid, Colorle	ess to yellow in co	olor, pleasant fra	igrance

## V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

## TOXICITY DATA LD50 LC50

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

CHEMICAL NAME

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

Surface Hair Purify Shampoo

STABILITY: Normally stable

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

## IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Avoid run off into storm sewers and ditches that lead to natural waterways. Soak up with absorbent, shovel into waste container, flush area with water.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

## THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

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Surface Hair Purify Shampoo

## <u>Material Safety Data Sheet</u> GHC Systems 2-501 Cartwright St Saskatoon SK Canada S7T 1E1 Non-Emergency (306) 242-0495 EMERGENCY INFOTRAC (306) 281-9641

Created: 9-2010

I. PRODUCT INFORMATION Page 1

PRODUCT NAME: Surface Push Powder

## II. HAZARDS IDENTIFICATION

Emergency Overview:	Possible physical irritant form dust particles. Contains finely divided combustible powder that at highly concentrated levels may cause potential for dust explosion.		
Route(s) of Entry:			
Eyes:	Particulates may scratch eye surfaces and cause mechanical irritation		
Inhalation;	Can produce a nuisance dust which should be maintained below a time weighted average of 10 mg/m3. High airborne levels of dust can cause nose and throat irritation.		
Ingestion:	Do not induce vomiting		
Skin:	May cause irritation		
Signs and Symptoms of	Irritating to eyes.		
Exposure:	May cause skin irritation.		
Chronic Effects:	Not determined		
Most important hazards:	Not determined		
Specific hazards:	Not determined		

## III. COMPOSITION / INFORMATION ON INGREDIENTS

INCI	Range	CAS	EINECS	Classification
Corn Starch Modified	1-5%	9005-25-8	NA	NA
Silica Silylate	30-40	68909-20-6	272-697-1	NA
Alumninum Starch Octenylsuccinate	40-50	9087-61-0	NA	NA
Sodium Benzoate	1-5%	532-32-1	208-534-8	NA
Citric Acid	0.005-1	77-92-9	201-069-1	NA
Soybean Oil Refined	1-5	8001-227	NA	NA
Zeolite	5-10	7631-86-9	NA	NA

#### IV. FIRST AID MEASURES

General Information:	Some individuals may experience an allergic reaction to one or more of the components. Immediately rinse any splashes on the skin and clothing.
Possible Exposures:	Eyes, Skin, Accidental Swallowing
Skin contact:	Wash with soap and water
Eye contact:	In case of accidental contact with the eye, wash out immediately with running water or
-	eyewash solution, seek medical attention if irritation persists.
Ingestion:	Treat symptomatically and supportively. Seek medical attention.
Inhalation:	Remove to fresh air, if symptoms develop, seek medical advice
Effects of over-exposure:	Irritating to skin and mucous membranes of eyes and respiratory system.

## VI. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Follow recommendations for protection, avoid prolonged inhalation of dust
Environmental precautions:	Generally no or weak hazard for water
Methods for cleaning:	Collect mechanically, vaccum up, if necessary was with water
Waste disposal requirements:	Properly dispose of waste according to local, state, and federal environmental regulations.
Personal protective equipment	Wear protective gloves and goggles when cleaning up large spills.
required for clean up:	Impermeable clothing is recommended, to avoid contact with skin and clothing.
VII.	5
VIII. <u>.HANDLING AND S</u>	TORAGE

Page 2

Handling:	Avoid contact with eyes.
-	Do not eat, drink or smoke while handling the product.
	Wear appropriate hand and eye protection
	Follow general recommendations for handling dusty products
	Mechanical handling of the powder on inadequately grounded equipment can result in static
	electrical discharges. All handling equipment must be properly grounded.
	Use care to minimize dust generation in air.
Storage:	Keep out of reach of children
	Store in a cool dry area
2	Store in original containers away from sources of heat and/or ignition.

## VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls: Engineering measures:	The maximum occupational exposure limit will not be reached under normal conditions of use. Good general ventilation is recommended.
OSHA Permissible Exposure Level (PEL):	Not applicable.
Personal protection equipment: Respiratory:	Glasses, gloves, dust mask None required. Use NIOSH approved dust mask if dust levels are irritating.
Eye protection: Hand protection: Hygiene measures:	Eye protection with side shields Wear chemically resistant protective gloves General hygiene practices for chemical products handling

.

## IX PHYSICAL AND CHEMICAL PROPERTIES Appearance: White to off white powder

Appearance:	White to off white po	
Odor:	Unfragranced	
pH (1%):	7-10	
Boiling point:	Not determined.	
Melting point:	Not applicable	
Flashpoint:	Not determined	
Explosive	Not determined	
properties:		
Vapour pressure:	Not applicable	
Relative density:	Not determined	
Solubility:	Soluble	
Surface Push Powder		

Conditions to avoid: Materials to avoid: Hazardous decomposition products: Stable with respect to storage conditions Strong oxidizing agents Carbon Monoxide, Carbon Dioxide, oxygen, water

## XI\_TOXICOLOGICAL INFORMATION

Excessive exposure	may affect human health as follows:
Skin contact:	Irritant
Eye contact:	Irritant
Inhalation:	Irritant
Ingestion:	Treat symptomatically and supportively. Seek medical attention.
Medical conditions generally aggravated by exposure:	Some individuals may experience allergic reaction to cosmetic product.
Signs and symptoms of exposure:	In sensitive individuals, irritation and dermatitis may develop.

XII ECOLOGICAL INFORMATION

Ecological effects information : No data available...

## XIII DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

## XIV\_TRANSPORT INFORMATION

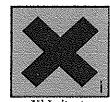
US DOT 49 CFR:

Not DOT Regulated

## XIV\_REGULATORY INFORMATION

Hazard Symbols





Xi Irritant

R Phrases R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin.

R43 May cause sensitization by skin contact.

S Phrases S20/21 When using do not eat, drink or smoke

- S24/25 Avoid contact with skin and eyes
- S26 In case of contact with eyes, rinse immediately and seek medical advice
- S37 Wear suitable gloves

**US Federal Regulations:** 

TSCA (Toxic Substances Control Act) Status

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

This product is regulated as a cosmetic product under EU Directive 76/768/EEC, and legislation in member states deriving from the directive.

As a cosmetic product, this material is exempt from UK's Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP) regulations. The CHIP regulations are the UK implementation of EU 67/548/EEC ("the substances Directive"), 1999/45/EC ("the preparations Directive"), and 76/769/EEC 91/155/EEC ("the safety data sheets Directive")

#### XVI\_OTHER INFORMATION.

## DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

Surface Push Powder

## MATERIAL SAFETY DATA SHEET

<u>Manufactured by:</u> Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Distributed by: GHC Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: (306) 281-4388

Revised: 8/09				
I. PRODUCT INFORMATION	Page 1			
PRODUCT NAME: Surface Hair Reflect Gel				
CHEMICAL NAME: N/A				
CAS NUMBER: N/A				
CHEMICAL FAMILY: N/A				
CHEMICAL FORMULA: N/A				
II. SUMMARY OF HAZARDS				
No known hazards.				
III. HAZARDOUS COMPONENTS				
NAME CAS NO. %	EXPOSURE LIMITS <u>PEL TLV OTHER</u>			
IV. CHEMICAL AND PHYSICAL PROPERTIES				
BOILING POINT: 220° F	FLASH POINT: N/A			
MELTING POINT: N/A	VAPOR DENSITY: N/A			
SOL. IN WATER: Complete	SPECIFIC GRAVITY: 1.000 - 1.032 @ 22° C			
pH: N/A	EVAPORATION RATE: N/A			

APPEARANCE/ODOR: Clear Thick liquid to Gel, light brown in color, pleasant fragrance

# CHEMICAL NAMETOXICITY DATALD50LC50

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

RESPIRATORY PROTECTION: None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A Surface Hair Reflect Gel

STABILITY: Normally stable

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

## IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Avoid run off into storm sewers and ditches that lead to natural waterways. Soak up with absorbent, shovel into waste container, flush area with water.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

## X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

## THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT

For additional product safety or product use information, contact the product manager at the address or phone number listed on page one.

## DISCLAIMER

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## <u>PRODUCT IDENTITY (as indicated on label)</u> Shift Shaping Wax

## PRODUCT CODE

Section 1 Company Identification						
Distributor's Name	Emergency T	elephone Numb	er			
Surface Hair			424-9300 l			
Address (Number, Street, City, State, and ZIP Code)	Telephone Number International (Collect Calls Accepted)					
402 A 1st Ave. N		REC 703-	527-3887			
Saskatoon, SK, Canada S7K1X6	Date Prepare 09/11/20					
Section 2 Hazardous Ingredients/Ident	tity Informat	ion				
Hazardous Components	CAS	% by	OSHA	ACGIH		
	Number	Weight	PEL	TLV		
[Specific Chemical Identity; Common Name(s)]	mixture is pr			l regerded to		
The identity of the individual component of this be a trade secret. However, based upon the heat						
ingredients present at a concentration greater the						
HEALTH HAZARD : NONE KNOWN				ic following,		
Section 3 Hazards Identification						
Type of Hazard : May cause respiratory Route(s) of Entry : Inhalation; Skin Cont			on.			
POTENTIAL HEALTH EFFECTS Inhalation : Unlikely due to physi Skin Contact : In rare cases, may ca Eye Contact : May cause eye irritat Ingestion : None Known. Chronic Effects and Medical Conditions A	ause skin irrit ion.			nown.		
Section 4 First Aid Measures						
INHALATION: If vapors or fumes cause irritation, remove and attention.	expose victim to	fresh air. If irrita	ation persists se	ek medical		
SKIN : Flush with copious amounts of	water. If irritation	n persists, seek	medical attentior	٦.		
EYES : Flush with copious amounts of	water. If irritation	persists, seek r	medical attention			
INGESTION : Do not ingest. Seek medical at	tention.					

## Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: N/A
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CO2	extinguishing agent, sand.
UNUSUAL FIRE AND EXPLOSION H	AZARDS : None known	
SPECIAL FIRE FIGHTING PROCEDU	IRES : None known	

## <u>PRODUCT IDENTITY (as indicated on label)</u> Shift Shaping Wax

## PRODUCT CODE

## Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

## Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

## Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

## Section 9 Physical and Chemical Properties

BOILING RANGE: Not Tes	sted	VAPOR DENSITY:X_HEAVIER LIGHTER, THAN AIR (= 1)				
PERCENT VOLATILE PER VOLUME: 0%		EVAPORATION RATE:FA	STERXSLOWER, THAN ETHER			
pH : n/a	WEIGHT PE	ER GALLON: n/a (H <sub>2</sub> O=1)	SPECIFIC GRAVITY: n/a (H <sub>2</sub> O=1)			
SOLUBILITY IN WATER:	Soluble		VISCOSITY : n/a			

APPEARANCE	:	Smooth off-white semi-viscous cream
ODOR	:	Characteristic

## <u>PRODUCT IDENTITY (as indicated on label)</u> Shift Shaping Wax

## PRODUCT CODE

#### Section 10 **Stability and Reactivity** STABILITY Unstable HAZARDOUS POLYMERIZATION May Occur X Stable Х Will Not Occur INCOMPATIBILITY (Materials to Avoid) Strong oxidizers and reducing agents HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce low levels of CO, CO2 and other irritating fumes. CONDITIONS TO AVOID: Extreme heat or freezing temperatures. Keep away from open flame or any source of electrical sparks Section 11 **Toxicological Information**

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

## Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

#### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD : Waste disposal should be in accordance with existing federal, state and local governmental regulations.

## Section 14 Transport Information

NON- HAZARDOUS . Not regulated by the Department of Transportation (DOT).

## Section 15 Regulatory Information

TSCA: N/A

SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

## Section 16 Other Information

HAZARD RATING: Health 1 - Flammability 0 - Reactivity 0 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

**REVISION DATE: Original** 

DISCLAIMER: This MSDS is designed to provide information and guidance in regards to the use of this product. It is not intended as all-information guideline on a worldwide hazard communication regulations. To the best of our knowledge, all sections comply with applicable, local, state and national MSDS/Hazard Communication Regulations.

This information is furnished without any guarantee. The user of this product needs to understand the conditions of use and must follow directions on the labels provided. Our Company assumes no legal responsibility as a result of misusing this product.

## PRODUCT IDENTITY (as indicated on label) Shift Shine Wax

## PRODUCT CODE

Section 1 C	Company Identification						
Distributor's Name		Emergency Te	elephone Numbe	r			
Surface Hair		CHEMTREC 800-424-9300 US					
Address (Number, Stre	eet, City, State, and ZIP Code)	Telephone Number International (Collect Calls Accepted)					
402 A 1st Ave. N	N	CHEMT	REC 703-5	27-3887			
Saskatoon, SK	, Canada S7K1X6	Date Prepared					
Section 2	Hazardous Ingredients/Identi	ty Informati	on				
Hazardous Compo	onents	CAS Number	% by Weight	OSHA PEL	ACGIH TLV		
	ntity; Common Name(s)]		ů,				
	e individual component of this n						
	However, based upon the heat						
•	nt at a concentration greater that	an 1 percent,	, this mixture	presents the	following;		
HEALTH HA	ZARD: NONE KNOWN						
Section 3 H	lazards Identification						
EMERGENCY OVERV	/IEW	troot and au	. invitation				
EMERGENCY OVERV Type of Haza Route(s) of E	/IEW ard : May cause respiratory			n.			
Type of Haza Route(s) of E POTENTIAL HEALTH	/IEW ard : May cause respiratory Entry : Inhalation; Skin Conta	act; Eye Con		n.			
Type of Haza Route(s) of E POTENTIAL HEALTH Inhalation	/IEW ard : May cause respiratory Entry : Inhalation; Skin Conta EFFECTS : Unlikely due to physic	act; Eye Con	tact; Ingestio				
Type of Haza Route(s) of E POTENTIAL HEALTH Inhalation Skin Contac	/IEW ard : May cause respiratory Entry : Inhalation; Skin Conta EFFECTS : Unlikely due to physic ct : In rare cases, may cau	act; Eye Con al form. use skin irrita	tact; Ingestio				
Type of Haza Route(s) of E POTENTIAL HEALTH Inhalation Skin Contac Eye Contac	Alew ard : May cause respiratory Entry : Inhalation; Skin Conta EFFECTS : Unlikely due to physic ct : In rare cases, may cau ct : May cause eye irritatio	act; Eye Con al form. use skin irrita	tact; Ingestio				
Type of Haza Route(s) of E POTENTIAL HEALTH Inhalation Skin Contac Eye Contac Ingestion	/IEW ard : May cause respiratory Entry : Inhalation; Skin Conta EFFECTS : Unlikely due to physic ct : In rare cases, may cau	act; Eye Con al form. use skin irrita on.	tact; Ingestio	ess.	own.		
Type of Haza Route(s) of E POTENTIAL HEALTH Inhalation Skin Contac Eye Contac Ingestion Chronic Effe	AIEW ard : May cause respiratory Entry : Inhalation; Skin Conta EFFECTS : Unlikely due to physic ct : In rare cases, may cau ct : May cause eye irritatio : None Known.	act; Eye Con al form. use skin irrita on.	tact; Ingestio	ess.	own.		
Type of Haza Route(s) of E POTENTIAL HEALTH Inhalation Skin Contac Eye Contac Ingestion Chronic Effe Section 4 Fi	AIEW ard : May cause respiratory Entry : Inhalation; Skin Conta EFFECTS : Unlikely due to physic ct : In rare cases, may cau ct : May cause eye irritatio : None Known. Fects and Medical Conditions A	act; Eye Con al form. use skin irrita on. ggravated By	tact; Ingestio	ess. ure: None kn			
Type of Haza Route(s) of E POTENTIAL HEALTH Inhalation Skin Contac Eye Contac Ingestion Chronic Effe Section 4 Fi INHALATION: If vapors	VIEW ard : May cause respiratory Entry : Inhalation; Skin Conta EFFECTS : Unlikely due to physic ct : In rare cases, may cau ct : May cause eye irritatio : None Known. Fects and Medical Conditions Age First Aid Measures	act; Eye Con al form. use skin irrita on. ggravated By	tact; Ingestio	ess. ure: None kn			

Section 5 Fire Fighting Measures

FLAMMABILITY CLASSIFICATION	: Non-flammable	FLASH POINT: N/A
EXTINGUISHING MEDIA	: Water fog, foam. Dry chemical or CC	2 extinguishing agent, sand.
UNUSUAL FIRE AND EXPLOSION H	AZARDS : None known	
SPECIAL FIRE FIGHTING PROCEDU	IRES : None known	

: Do not ingest. Seek medical attention.

INGESTION

## <u>PRODUCT IDENTITY (as indicated on label)</u> Shift Shine Wax

## PRODUCT CODE

## Section 6 Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb/recover material. Place in waste container

DISPOSAL METHOD: Dispose of according to federal, state and local regulations. Disposal must be carried out under EPA, state and federal laws.

## Section 7 Handling and Storage

USAGE PRECAUTIONS : Use as directed.

STORAGE PRECAUTIONS : Store in a suitable tightly sealed and upright container at dry and cool constant temperature.

OTHER PRECAUTIONS : Keep in cool dry place. Protect containers from extreme temperatures and damage. KEEP OUT OF REACH OF CHILDREN. Avoid direct contact with eyes. Maintain personal hygiene and good housekeeping.

## Section 8 Exposure Controls and Personal Protection

ENGINEERING CONTROL : Ventilation - local exhaust

RESPIRATION CONTROL : Not required under normal use conditions

PROTECTIVE GLOVES : Optional

EYE AND FACE PROTECTION : Goggles (optional)

HYGENIC WORK PRACTICES: Normal good housekeeping practices. No eating or drinking while working with this material. Always wash hands before and after eating. After smoking or after using the sanitation facilities.

## Section 9 Physical and Chemical Properties

BOILING RANGE: Not Te	sted	VAPOR DENSITY:X_HEAVI	ER LIGHTER, THAN AIR (= 1)			
PERCENT VOLATILE PER VOLUME: 0%		EVAPORATION RATE:FA	STERXSLOWER, THAN ETHER			
pH:n/a	WEIGHT PE	ER GALLON: n/a (H <sub>2</sub> O=1) SPECIFIC GRAVITY: n/a (H <sub>2</sub> O=1)				
SOLUBILITY IN WATER:	Soluble		VISCOSITY : n/a			

APPEARANCE ODOR

Slightly hazy ringing gelCharacteristic

## <u>PRODUCT IDENTITY (as indicated on label)</u> Shift Shine Wax

## PRODUCT CODE

Section 10 S	Stability and	Reactivity
STABILITYX	_Unstable Stable	HAZARDOUS POLYMERIZATION May Occur X Will Not Occur
INCOMPATIBILITY (Ma	terials to Avoid)	
Strong oxidizers and red	ducing agents	
HAZARDOUS DECOM	POSITION PROD	UCTS:
Thermal decomposition	may produce low	levels of CO, CO2 and other irritating fumes.
CONDITIONS TO AVO	ID:	
Extreme heat or freezing	temperatures. Ke	eep away from open flame or any source of electrical sparks.
Section 11	Toxicologica	al Information

HEALTH WARNINGS : None Known. Other Acute Effects : None Known.

## Section 12 Ecological Information

NOTE : Avoid uncontrolled release of this material in the environment. Observe proper waste management as directed by federal, state and local government regulations.

#### Section 13 Disposal Considerations

WASTE DISPOSAL METHOD : Waste disposal should be in accordance with existing federal, state and local governmental regulations.

## Section 14 Transport Information

NON- HAZARDOUS . Not regulated by the Department of Transportation (DOT).

## Section 15 Regulatory Information

TSCA: N/A

SARA, Title III, Section 313 (40CFR 372):

GUIDANCE NOTES: CALIFORNIA PROPOSITION 65. To the best of our knowledge, this product does not contain any ingredients, which the state of California has found to cause cancer, birth defects or other reproductive abnormalities. This material is non-flammable.

## Section 16 Other Information

HAZARD RATING: Health 1 - Flammability 0 - Reactivity 0 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

**REVISION DATE: Original** 

DISCLAIMER: This MSDS is designed to provide information and guidance in regards to the use of this product. It is not intended as all-information guideline on a worldwide hazard communication regulations. To the best of our knowledge, all sections comply with applicable, local, state and national MSDS/Hazard Communication Regulations.

This information is furnished without any guarantee. The user of this product needs to understand the conditions of use and must follow directions on the labels provided. Our Company assumes no legal responsibility as a result of misusing this product.

## <u>Material Safety Data Sheet</u> Marianna Industries Inc 11222 I St Omaha NE 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY INFOTRAC (800) 457-4280

Created: 1-2012

I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: GHC SWIRL SEA SALT SPRAY

CHEMICAL NAME: N/A

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA:

## II. HAZARDS IDENTIFICATION

Primary route of exposure :. Skin and eyes contact.

Symptoms relating to use

-- Skin contact : Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

- Eye contact : Redness, pain. Blurred vision. Burning sensation.

- Ingestion : Abdominal pain, nausea.

## III. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Prepa Components :	ration :		Prep	aration.	
Substance name Blend of Salt	<b>Contents</b> <20	CAS No	EC No	Annex No	Classification

## IV. FIRST AID MEASURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are

held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

## INHALATION: N/A

**INGESTION**: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

**OTHER HEALTH EFFECTS: N/A** 

## V. FIRE FIGHTING MEASURES

**PYROPHORIC**: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

**FIRE FIGHTING INSTRUCTIONS:** Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

## VI. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

## VII. <u>HANDLING AND STORAGE</u>

Stable under normal conditions.

## VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

**EYE PROTECTION:** None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

## IX PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 220° F

FLASH POINT: N/A VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

SOL. IN WATER: semi soluble SPECIFIC GRAVITY: 0.975-0.990@ 22° C

pH: 3.75-7.0

MELTING POINT: N/A

APPEARANCE/ODOR: Liquid Colorless in color, pleasant fragrance

STABILITY: Normally stable

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

XI TOXICOLOGICAL INFORMATION

None available

XII ECOLOGICAL INFORMATION\_

Ecological effects information : No data available ..

## XIII DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

## XIV\_TRANSPORT INFORMATION\_

General Shipping. No known Hazards

## XIV REGULATORY INFORMATION

General No known Hazards

## XVI OTHER INFORMATION.

## DISCLAIMER

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Page 1 of 6 **SW-1910** 

Drop			OHSC, WHMIS, 20	01/30 & 12/2/20		15		3D3 R	evision: 1	.0	3031	CEVISION	Date.	7/15/2016
rep	aleu lo USHA, A													
			1. F	RODUC	F & COM	PANY I	DEN	ITIFI	CATI	ON				
.1	Product Name:		TAFFY W											
1.2	Chemical Name:		Aerosol				••••		-					
.3	Synonyms:		SW-1910											
.4	Trade Names:		Taffy Wax Finishing Spray, 36.0% VOC											
.5	Product Uses & I	Restrictions:	Aerosol Finishir	osol Finishing Spray										
.6	Distributor's Nam	ne:	Shield Packagi	hield Packaging of CA, Inc.										
.7	Distributor's Add	ress:	5165 "G" Street	165 "G" Street, Chino CA 91710 USA										
.8	Emergency Phor	ne:	CHEMTREC	<b>C: +1 (703)</b> {	527-3887 /	+1 (800)	424-	9300	(CCN	20108				
.9	Business Phone	/ Fax:	+1 (909) 628-4	707 / +1 (909)	591-8916									
				2 11	ZARDS I				N					
.1	Hazard Identifica	ation:	This product i							DANGE	ROUS	GOOL	ns l	
			MAY CAUSE A Classification: Hazard Statem heated. H317 - Precautionary S other ignition s P251 – Do not P264 – Wash h Contaminated gloves/eyeweal	Aerosol 2; Skii <u>ents</u> (H): H22 - May cause a <u>Statements</u> (P) ources. No si pierce or burn ands and exp work clothing	n Sens. 1B; Ey 3 – Flammab n allergic skin : P210 – Keej noking. P211 , even after us osed skin area should not be	ye Irrit. 2 le aerosol. reaction. I p away froi I – Do not se. P261 – as with soa allowed o	H229 H320 – m heat spray Avoid p and v ut of th	<ul> <li>Pre- Cause</li> <li>hot si on ope</li> <li>breath</li> <li>warm ti</li> <li>wor</li> </ul>	essurize es eye ir urfaces, en flame ing fume horough kplace.	ed contain rritation. sparks, e or othe e/gas/mis ily after h P280 –	open fla ignition t/vapou andling Wear p	mes a sourc irs/spra P272	nd ce. ay. 2 —	
			If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility	or rash occurs water for se g. P337+P31 ninated clothir ry Chemical, e. Keep cool. C (122 °F). P	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412	advice/atte . Remove ation persis t before reu norized), to – Protect f	ention. e conta its get i use. P o exting rom su	P305+ act len medica 370+P guish. Inlight.	P351+F ses, if p al advice 378 – Ir P403+ Do not	P338 – IF present a plattention case of P235 – t expose	IN EYE and eas i. P362 fire: Us Store in to temp	8+P313 S: Rin sy to c PP364 e Wate n a we peratur	} – se lo. ↓ – er, ell- es	
			If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility	or rash occurs water for se g. P337+P31 ninated clothir ry Chemical, e. Keep cool. C (122 °F). P	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose	advice/atte . Remove ation persis t before reu norized), to – Protect f e of conten	ention. e conta its get i use. P o exting from su ts/conta	P305+ act len medica 370+P guish. unlight. ainer to	-P351+F ses, if µ al advice 378 – Ir P403+ Do not o a licen	P338 – IF present a plattention case of P235 – t expose sed treat	IN EYE and eas i. P362 fire: Us Store in to temp	8+P313 S: Rin sy to c PP364 e Wate n a we peratur	} – se lo. ↓ – er, ell- es	
			If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF).	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose	advice/atte . Remove ation persis t before reu norized), to – Protect f e of conten	ention. e conta its get i use. P o exting from su ts/conta	P305+ act len medica 370+P guish. unlight. ainer to	-P351+F ses, if µ al advice '378 – Ir P403+ Do not o a licen	P338 – IF present a plattention case of P235 – t expose sed treat	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	3+P313 S: Rin sy to c +P364 se Wate h a we beratur torage	3 se do.  er, er, ell- es or	
			If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF).	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose	advice/atte . Remove ation persis t before reu norized), to – Protect f e of conten	ention. e conta ts get i use. P o exting from su ts/conta ENT	P305+ act len medica 370+P guish. unlight. ainer to INFC	P351+F ses, if µ al advice 378 – Ir P403+ Do noi Do a licen Do noi Do a licen	P338 – IF present a e/attention n case of P235 – t expose sed treat ATION EXPOSURE DHSC	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	3+P313 S: Rin sy to c +P364 se Wate n a we beratur torage	3	
			If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF).	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose	advice/atte . Remove ation persis t before reu norized), to – Protect f e of conten	ention. e conta ts get l use. P o exting rom su ts/conta	P305+ act len medica 370+P guish. unlight. ainer to INFC	P351+F ses, if µ al advice 378 – Ir P403+ Do noi o a licen DRMA E NC	P338 – IF present a v/attention n case of P235 – t expose sed treat <b>ATION</b> EXPOSURE DHSC ppm	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	3+P313 S: Rin sy to c +P364 se Wate n a we beratur torage	3	
HEM	ICAL NAME(S)		If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF).	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose	advice/atte . Remove ation persis t before reu norized), to – Protect f e of conten	ention. e conta its get i use. P o exting from su ts/conta ENT	P305+ act len medica 370+P guish. unlight. ainer to INFC	P351+F ses, if y al advice 378 – Ir P403+ Do noi o a licen DRMA E NC ES-	P338 – IF present a e/attention n case of P235 – t expose sed treat ATION EXPOSURE DHSC	IN EYE and ease a. P362 fire: Us Store in to temp ment, s	3+P313 S: Rin sy to c 2+P364 se Wate n a we beratur torage	3	OTHER
		R-152a)	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b>	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF).	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose	advice/atte . Remove tition persis t before renorized), to – Protect f e of content <b>GREDIE</b>	ention. e conta ts get i use. P o exting from su ts/conta ENT	P305+ act len medica 370+P guish. unlight. ainer to INFC	P351+F ses, if µ al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E NC ES- TWA S	P338 – IF present a /attention n case of P235 – t expose ised treat ATION EXPOSURE DHSC DHSC ES- ES ES	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	8+P313 S: Rin sy to c P+P364 e Wate n a we beratur torage AIR (mg OSHA ppm STEL	3	OTHER
	ICAL NAME(S) JOROETHANE (	R-152a)	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> CAS No. 75-37-6 Flam. Gas 1; H	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, . Keep cool. C (122 °F). P: (TSDF). MPOSITI RTECS No. KI4100000 1220	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & ING EINECS No. 200-866-1	advice/atte . Remove tition persis t before renorized), to – Protect f e of content SREDIE	ention. e conta its get i use. P o exting rom su ts/conta <b>ENT</b> ACC PP TLV 1000	P305+ act len medica 370+Р guish. unlight. ainer to INFC ЗІН m STEL NA	P351+F ses, if µ al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E NC ES- TWA S 1000	P338 – IF present a /attention n case of P235 – t expose ised treat XTION XTION EXPOSURE OHSC opm ES- ES TFEL PEA NF NF	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	8+P313 S: Rin sy to c +P364 e Watch a we beratur torage AIR (mg OSHA ppm STEL NA	3 – se lo. - er, er, er, es or g/m <sup>3</sup> )	
IFLU	JOROETHANE (	R-152a)	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> CAS No. 75-37-6 Flam. Gas 1; H 106-97-8	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, . Keep cool. C (122 °F). P: (TSDF). MPOSITI RTECS No. KI4100000 1220 EJ4200000	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & ING EINECS No. 200-866-1 203-448-7	advice/atte . Remove tition persis t before renorized), to – Protect f e of content <b>GREDIE</b>	ention. e conta ts get i use. P o exting from su ts/conta ENT	P305+ act len medica 370+P guish. unlight. ainer to INFC	P351+F ses, if µ al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E NC ES- TWA S 1000	P338 – IF present a /attention n case of P235 – t expose ised treat NTION EXPOSURE OHSC ppm ES- ES- ES- ES- ES- ES- ES- ES- ES- ES-	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	8+P313 S: Rin sy to c P+P364 e Wate n a we beratur torage AIR (mg OSHA ppm STEL	3	
IFLL UTA	JOROETHANE (		If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <u>cas No.</u> <u>75-37-6</u> <u>Flam. Gas 1; H</u> <u>106-97-8</u> Press. Gas; Fl	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, . Keep cool. C (122 °F). P: (TSDF). MPOSITI RTECS No. KI4100000 4220 EJ4200000 am. Gas 1; H220	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose ON & INC EINECS No. 200-866-1 203-448-7	advice/atte . Remove tition persis t before ren torized), to – Protect f e of content <b>GREDIE</b> % 30-60	ention. e conta its get i use. Po exting rom su ts/conta <b>ENT</b> ACC PP TLV 1000	P305+ act len medica 370+P guish. unlight. ainer to INFC 3IH m STEL NA 900	P351+F ses, if µ al advice 378 – Ir P403+ Do noio o a licen <b>DRMA</b> Es- Twa s 1000 800 1	P338 – IF       present       p/attention       case of       P235 –       t expose       ssed treat       XTION       Your       Your       Your       Your       Your       Your       Your       Your       Your	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	3+P313 S: Rin sy to c +P364 e Watch a we beratur torage AIR (mg OSHA ppm STEL NA	3 – se lo. - er, er, er, es or <b>IDLH</b> NA	
IFLU UTA IGL` DIP/	JOROETHANE ( NE YCERYL ATE/CAPRATE/(	CAPRYLATE	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <u>cas No.</u> <u>75-37-6</u> <u>Flam. Gas 1; H</u> <u>106-97-8</u> <u>Press. Gas; Fl</u> <u>130905-60-1</u>	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, . Keep cool. C (122 °F). P: (TSDF). MPOSITI RTECS No. KI4100000 1220 EJ4200000	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & ING EINECS No. 200-866-1 203-448-7	advice/atte . Remove tition persis t before renorized), to – Protect f e of content SREDIE	ention. e conta its get i use. P o exting rom su ts/conta <b>ENT</b> ACC PP TLV 1000	P305+ act len medica 370+Р guish. unlight. ainer to INFC ЗІН m STEL NA	P351+F ses, if µ al advice 378 – Ir P403+ Do noio o a licen <b>DRMA</b> Es- Twa s 1000 800 1	P338 – IF present a /attention n case of P235 – t expose ised treat XTION XTION EXPOSURE OHSC opm ES- ES TFEL PEA NF NF	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	8+P313 S: Rin sy to c +P364 e Watch a we beratur torage AIR (mg OSHA ppm STEL NA	3 – se lo. - er, er, er, es or g/m <sup>3</sup> )	
UTA UTA DIGL <sup>V</sup> DIP/	JOROETHANE ( NE YCERYL ATE/CAPRATE/( DXYSTEARATE/	CAPRYLATE	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <u>cas No.</u> <u>75-37-6</u> <u>Flam. Gas 1; H</u> <u>106-97-8</u> <u>Press. Gas; Fl</u> <u>130905-60-1</u>	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, . Keep cool. C (122 °F). P: (TSDF). MPOSITI RTECS No. KI4100000 4220 EJ4200000 am. Gas 1; H220	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose ON & INC EINECS No. 200-866-1 203-448-7	advice/atte . Remove tition persis t before ren torized), to – Protect f e of content <b>GREDIE</b> % 30-60	ention. e conta its get i use. Po exting rom su ts/conta <b>ENT</b> ACC PP TLV 1000	P305+ act len medica 370+P guish. unlight. ainer to INFC 3IH m STEL NA 900	P351+F ses, if µ al advice 378 – Ir P403+ Do noio o a licen <b>DRMA</b> Es- Twa s 1000 800 1	P338 – IF       present       p/attention       case of       P235 –       t expose       ssed treat       XTION       Your       Your       Your       Your       Your       Your       Your       Your       Your	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	3+P313 S: Rin sy to c +P364 e Watch a we beratur torage AIR (mg OSHA ppm STEL NA	3 – se lo. - er, er, er, es or <b>IDLH</b> NA	
IFLU UTA IGL` DIP/ DRC TEA	JOROETHANE ( NE YCERYL ATE/CAPRATE/ DXYSTEARATE/ RATE	CAPRYLATE/I ISOSTEARAT	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <u>CAS No.</u> <u>75-37-6</u> Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, a. Keep cool. C (122 °F). P: (TSDF). MPOSITI MPOSITI EJ4200000 am. Gas 1; H220 NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & INC EINECS No. 200-866-1 203-448-7 0 NA	advice/atte . Remove tion persis t before ren- orized), to – Protect f e of content <b>SREDIE</b> % 30-60 20-40	ention. e conta its get i use. P o exting rom su ts/conta <b>ENT</b> ACC PP TLV 1000 NA	P305+ act len medica 370+P guish. inlight. ainer to INFC 3IH M STEL NA 900 NA	P351+F ses, if µ al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E S- TWA S 1000 800 1 NF 1	P338 – IF       present       present <td>IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA</td> <td>8+P313 S: Rin sy to c +P364 te Wath h a we beratur torage OSHA ppm STEL NA</td> <td>3</td> <td></td>	IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA	8+P313 S: Rin sy to c +P364 te Wath h a we beratur torage OSHA ppm STEL NA	3	
IFLU UTA IGL` DIP/ DRC TEA ICIN	JOROETHANE ( INE YCERYL ATE/CAPRATE/CAPRATE/ RATE IUS COMMUNIS	CAPRYLATE/I ISOSTEARAT	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <u>cas No.</u> <u>75-37-6</u> <u>Flam. Gas 1; H</u> <u>106-97-8</u> <u>Press. Gas; Fl</u> <u>130905-60-1</u>	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, . Keep cool. C (122 °F). P: (TSDF). MPOSITI RTECS No. KI4100000 4220 EJ4200000 am. Gas 1; H220	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose ON & INC EINECS No. 200-866-1 203-448-7	advice/atte . Remove tition persis t before ren torized), to – Protect f e of content <b>GREDIE</b> % 30-60	ention. e conta its get i use. Po exting rom su ts/conta <b>ENT</b> ACC PP TLV 1000	P305+ act len medica 370+P guish. unlight. ainer to INFC 3IH m STEL NA 900	P351+F ses, if µ al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E S- TWA S 1000 800 1 NF 1	P338 – IF       present       p/attention       case of       P235 –       t expose       ssed treat       XTION       Your       Your       Your       Your       Your       Your       Your       Your       Your	IN EYE and eas a. P362 fire: Us Store in to temp ment, s	3+P313 S: Rin sy to c +P364 e Watch a we beratur torage AIR (mg OSHA ppm STEL NA	3 – se lo. - er, er, er, es or <b>IDLH</b> NA	
IFLU UTA IGL` DIP/ DRC TEA ICIN EED	JOROETHANE ( INE YCERYL ATE/CAPRATE/ XXYSTEARATE/ RATE IUS COMMUNIS 9 OIL	CAPRYLATE// ISOSTEARAT 6 (CASTOR)	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <u>CAS No.</u> <u>75-37-6</u> Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF). MPOSITI MPOSITI EJ4200000 am. Gas 1; H220 NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & INC EINECS No. 200-866-1 203-448-7 0 NA	advice/atte . Remove tion persis t before ren- torized), to – Protect f e of content <b>SREDIE</b> % 30-60 20-40 10-20 1.0-5.0	ention. e conta its get i use. P o exting rom su ts/conta <b>ENT</b> ACC PP TLV 1000 NA	P305+ act len medica 370+P guish. inlight. ainer to INFC 3IH M STEL NA 900 NA	P351+F ses, if µ al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E NC ES- TWA S 1000 800 1 NF 1	P338 – IF       present       present <td>IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA NA</td> <td>8+P313 S: Rin sy to c +P364 te Wath h a we beratur torage OSHA ppm STEL NA</td> <td>3</td> <td></td>	IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA NA	8+P313 S: Rin sy to c +P364 te Wath h a we beratur torage OSHA ppm STEL NA	3	
IFLU IGL` DIP/ DRC TEA ICIN EED	JOROETHANE ( INE YCERYL ATE/CAPRATE/CAPRATE/ RATE IUS COMMUNIS	CAPRYLATE/ ISOSTEARAT 3 (CASTOR) PEEL WAX /	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <u>75-37-6</u> Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H E/ 8001-79-4 NA	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, a. Keep cool. C (122 °F). P: (TSDF). MPOSITI MPOSITI EJ4200000 am. Gas 1; H220 NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & ING EINECS No. 200-866-1 203-448-7 0 NA 232-293-8	advice/atte . Remove tion persis t before ren- orized), to – Protect f e of content <b>SREDIE</b> % 30-60 20-40	ention. e conta its get i use. P o exting rom su ts/conta <b>NT</b> 1000 1000 NA	P305+ act len medica 370+P guish. inlight. ainer to INFC 3IH M STEL NA 900 NA	P351+F ses, if µ al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E NC ES- TWA S 1000 800 1 NF 1	P338 – IF       present       present <td>IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA</td> <td>B+P313 S: Rin sy to c +P364 te Wath h a we beratur torage OSHA ppm STEL NA NA NA</td> <td>3</td> <td></td>	IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA	B+P313 S: Rin sy to c +P364 te Wath h a we beratur torage OSHA ppm STEL NA NA NA	3	
IFLU UTA IGL <sup>V</sup> DIP/ DRC TEA ICIN EED HUS	JOROETHANE ( INE YCERYL ATE/CAPRATE/( DXYSTEARATE/ RATE IUS COMMUNIS 0 OIL 3 VERNICIFLUA 5 SUCCEDANE/	CAPRYLATE// ISOSTEARAT 6 (CASTOR) PEEL WAX / A FRUIT WAX	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <u>75-37-6</u> Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H E/ 8001-79-4 NA	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF). MPOSITI MPOSITI EJ4200000 am. Gas 1; H220 NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & ING EINECS No. 200-866-1 203-448-7 0 NA 232-293-8	advice/atte . Remove tion persis t before ren- torized), to – Protect f e of content <b>SREDIE</b> % 30-60 20-40 10-20 1.0-5.0	ention. e conta its get i use. P o exting rom su ts/conta <b>NT</b> 1000 1000 NA	P305+ act len medica 370+P guish. inlight. ainer to INFC 3IH M STEL NA 900 NA	P351+F ses, if j al advice 378 – Ir P403+ Do noi o a licen <b>PRMA</b> E NC F ES- TWA S 1000 800 1 NF 1 NF 1	P338 – IF       present       present <td>IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA NA</td> <td>B+P313 S: Rin sy to c +P364 te Wath h a we beratur torage OSHA ppm STEL NA NA NA</td> <td>3</td> <td></td>	IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA NA	B+P313 S: Rin sy to c +P364 te Wath h a we beratur torage OSHA ppm STEL NA NA NA	3	
IFLU UTA IGL <sup>V</sup> DIP/ DRC TEA ICIN EED HUS	JOROETHANE ( NE YCERYL ATE/CAPRATE/C XYSTEARATE/ RATE IUS COMMUNIS 0 OIL S VERNICIFLUA	CAPRYLATE// ISOSTEARAT 6 (CASTOR) PEEL WAX / A FRUIT WAX	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <b>CAS No.</b> 75-37-6 Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H E/ 8001-79-4 NA 137-66-6	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF). MPOSITI RTECS No. KI4100000 H220 EJ4200000 am. Gas 1; H221 NA NA	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose ON & ING EINECS No. 200-866-1 203-448-7 0 NA 232-293-8 NA 205-305-4	advice/atte . Remove tion persis t before renorized), to – Protect f e of content <b>GREDIE</b> % 30-60 20-40 10-20 1.0-5.0 0.1-1.0	Intion. e contains the contains the contains the contains the contains room sub- the contains <b>NT</b> <b>ACC</b> <b>PP</b> <b>TLV</b> 1000 1000 NA NA	P305+ act len medica 370+P guish. inlight. ainer to INFC 3IH m STEL NA 900 NA NA NA	P351+F ses, if i al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E NC ES- TWA S 1000 800 1 NF 1 NF 1 NF 1	P338 – IF present a /attention n case of P235 – t expose used treat XTION Es- DISC DISC DISC DISC DISC DISC DISC DISC	IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN NA	AIR (mg OSHA ppm STEL NA NA NA	3 – se lo. – er, es or //m <sup>3</sup> ) //m <sup>3</sup> ) ///m <sup>3</sup> ) //// ///////////////////////////////	
IFLU UTA IGL' IGL' DRC TEA ICIN EED HUS SCC	JOROETHANE ( INE YCERYL ATE/CAPRATE/( DXYSTEARATE/ RATE IUS COMMUNIS 0 OIL 3 VERNICIFLUA 5 SUCCEDANE/	CAPRYLATE// ISOSTEARAT 6 (CASTOR) PEEL WAX / A FRUIT WAX	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <u>CAS No.</u> <u>75-37-6</u> Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H 8001-79-4 NA	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF). MPOSITI MPOSITI EJ4200000 am. Gas 1; H220 NA NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & ING EINECS No. 200-866-1 203-448-7 D NA 232-293-8 NA	advice/atte . Remove tition persis t before renorized), to – Protect f e of content <b>BREDIE</b> % 30-60 20-40 10-20 1.0-5.0	ention. e conta its get i use. P o exting rom su ts/conta <b>NT</b> 1000 1000 NA NA	P305+ act len medica 370+P guish. inlight. ainer to INFC 3IH m STEL NA 900 NA NA	P351+F ses, if i al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E NC ES- TWA S 1000 800 1 NF 1 NF 1 NF 1	P338 – IF present a /attention n case of P235 – t expose ised treat NF NF NF NF NF NF NF NF NF	IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN NA	B+P313 S: Rin Sy to c +P364 Watch a we beratur torage OSHA PPM STEL NA NA NA	3 - se lo. - er, er, er, er, er, er, er, er, er, er,	
IFLU UTA IGL' IGL' DRC TEA ICIN EED HUS SCC	JOROETHANE ( INE YCERYL ATE/CAPRATE/ RATE IUS COMMUNIS O OIL S VERNICIFLUA S SUCCEDANEA DRBYL PALMITA	CAPRYLATE// ISOSTEARAT 6 (CASTOR) PEEL WAX / A FRUIT WAX	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <b>CAS No.</b> 75-37-6 Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H E/ 8001-79-4 NA 137-66-6 NA	or rash occurs water for se g. P337+P313 ninated clothir ry Chemical, e. Keep cool. C (122 °F). P3 (TSDF). MPOSITI MPOSITI EJ4200000 am. Gas 1; H220 NA NA NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 - 501 – Dispose ON & INC EINECS No. 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1	advice/atte . Remove tition persist t before retorized), to – Protect f e of content <b>BREDIE</b> 30-60 20-40 10-20 1.0-5.0 0.1-1.0	ention. e conta its get i use. P o exting from su ts/conta ENT Acc PP TLV 1000 1000 NA NA NA NA	P305+ act len medica 370+P guish. inlight. ainer to INFC 31H m sTEL NA 900 NA NA NA NA	P351+F ses, if   al advice 378 – Ir P403+ Do noto o a licen <b>DRMA</b> S <b>DRMA</b> S <b>DRMA</b> S <b>DRMA</b> S NF I NF I NF I NF I	P338 – IF       present       present       present       present       present       present       texpose       ssed treat         ATION       ATION       ATION       Expose       Issed treat       ATION       EXPOSURE       OHSC       OHSC       PPM       ES-       ES-       ES-       ES-       PEA       NF       NF <td>IN EYE and eas b. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA NA NA NA</td> <td>AIR (mg STEL NA NA NA NA</td> <td>3 - se se lo er, er, ell- es or</td> <td></td>	IN EYE and eas b. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA NA NA NA	AIR (mg STEL NA NA NA NA	3 - se se lo er, er, ell- es or	
IFLU UTA IGL' DIP/ DRC TEA ICIN EED HUS SCC RAG	JOROETHANE ( INE YCERYL ATE/CAPRATE/ RATE IUS COMMUNIS O OIL S VERNICIFLUA S SUCCEDANEA DRBYL PALMITA	CAPRYLATE// ISOSTEARAT 6 (CASTOR) PEEL WAX / A FRUIT WAX ATE JM)	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <b>CAS No.</b> 75-37-6 Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H Z 8001-79-4 NA NA	or rash occurs water for se g. P337+P31: ninated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF). MPOSITI RTECS No. KI4100000 H220 EJ4200000 am. Gas 1; H221 NA NA	: Get medical veral minutes 3 – If eye irrita ig and wash it Halon (if auth P410+P412 501 – Dispose ON & ING EINECS No. 200-866-1 203-448-7 0 NA 232-293-8 NA 205-305-4	advice/atte . Remove tion persis t before renorized), to – Protect f e of content <b>GREDIE</b> % 30-60 20-40 10-20 1.0-5.0 0.1-1.0	Intion. e contains the contains the contains the contains the contains room sub- the contains <b>NT</b> <b>ACC</b> <b>PP</b> <b>TLV</b> 1000 1000 NA NA	P305+ act len medica 370+P guish. inlight. ainer to INFC 3IH m STEL NA 900 NA NA NA	P351+F ses, if   al advice 378 – Ir P403+ Do noto o a licen <b>DRMA</b> S <b>DRMA</b> S <b>DRMA</b> S <b>DRMA</b> S NF I NF I NF I NF I	P338 – IF present a /attention n case of P235 – t expose used treat XTION Es- DISC DISC DISC DISC DISC DISC DISC DISC	IN EYE and eas b. P362 fire: Us Store in to temp ment, s LIMITS IN K PEL NA NA NA NA NA	AIR (mg OSHA ppm STEL NA NA NA	3 – se lo. – er, es or //m <sup>3</sup> ) //m <sup>3</sup> ) ///m <sup>3</sup> ) //// ///////////////////////////////	
	JOROETHANE ( INE YCERYL ATE/CAPRATE// RATE IUS COMMUNIS OIL S VERNICIFLUA S VERNICIFLUA S SUCCEDANEA DRBYL PALMITA GRANCE (PARFL DPHEROL (VITA	CAPRYLATE// ISOSTEARAT 6 (CASTOR) PEEL WAX / A FRUIT WAX ATE JM)	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <b>cas no.</b> 75-37-6 Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H E/ 8001-79-4 NA 137-66-6 NA 10191-41-0	or rash occurs water for se g. P337+P313 minated clothir ry Chemical, e. Keep cool. C (122 °F). P3 (TSDF). MPOSITI MPOSITI EJ4200000 am. Gas 1; H220 NA NA NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 - 501 – Dispose ON & INC EINECS NO. 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1 200-866-1	advice/atte . Remove tition persis t before renorized), to – Protect f e of content <b>GREDIE</b> 30-60 20-40 10-20 1.0-5.0 0.1-1.0 0.1-1.0	ention. e conta its get i use. P o exting rom su ts/conta <b>NT</b> <b>NT</b> <b>NA</b> NA NA NA NA	P305+ act len medica 370+P guish. ainer to INFC 31H m STEL NA 900 NA NA NA NA NA NA	P351+F ses, if   al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> ES- TWA S 1000 800 1 NF 1 NF 1 NF 1 NF 1 NF 1	P338 – IF       present       present       present       present       present       present       texpose       ssed treat       ATION	IN EYE and eas a. P362 fire: Us Store ir to temp ment, s LIMITS IN K PEL NA NA NA NA NA	P313     S: Rin     sy to c     +P364     e Wat     n a we     beratur     torage     AIR (mg     OSHA     ppm     STEL     NA     NA     NA     NA     NA     NA     NA	<ul> <li>B – se lo.</li> <li>Se lo.<td></td></li></ul>	
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IFLU UTA IGL' DIP/ DRC TEA ICIN EED HUSS CO RAG OCC	JOROETHANE ( INE YCERYL ATE/CAPRATE/ RATE US COMMUNIS OIL S VERNICIFLUA S VERNICIFLUA S VERNICIFLUA S NOCEDANEA ORBYL PALMITA SRANCE (PARFU OPHEROL (VITA NENE	CAPRYLATE// ISOSTEARAT 6 (CASTOR) PEEL WAX / A FRUIT WAX ATE JM)	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility <b>3. CO</b> <b>CAS No.</b> 75-37-6 Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H E/ 8001-79-4 NA 137-66-6 NA 10191-41-0 5989-27-5	or rash occurs water for se g. P337+P313 minated clothir ry Chemical, e. Keep cool. C (122 °F). P3 (TSDF). MPOSITI MPOSITI EJ4200000 am. Gas 1; H220 NA NA NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 - 501 – Dispose ON & INC EINECS No. 200-866-1 200-8	advice/atte . Remove tion persis before ren- porized), to – Protect f e of content <b>BREDIE</b> % 30-60 20-40 10-20 1.0-5.0 0.1-1.0 0.1-1.0 0.1-1.0	Intion. e contains get fuse. Po exting rom sub- rom	P305+ act len medica 370+P guish. ainer to INFC 3IH m STEL NA 900 NA NA NA NA NA NA	P351+F ses, if   al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E S TWA S 1000 800 1 NF 1 NF 1 NF 1 NF 1 NF 1 NF 1 NF 1 NF	P338 – IF       present       present       present       present       present       present       texpose       ssed treat       ATION	IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN NA NA NA NA NA NA NA	P313     S: Rin     sy to o     +P364     te Watch     a we     beratur     torage     IAIR (mg     OSHA     Ppm     STEL     NA     NA     NA     NA     NA     NA     NA     NA	<ul> <li>B – se lo.</li> <li>Se lo.<td></td></li></ul>	
	JOROETHANE ( INE YCERYL ATE/CAPRATE// RATE IUS COMMUNIS OIL S VERNICIFLUA S VERNICIFLUA S SUCCEDANEA DRBYL PALMITA GRANCE (PARFL DPHEROL (VITA	CAPRYLATE// ISOSTEARAT 6 (CASTOR) PEEL WAX / A FRUIT WAX ATE JM)	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility 3. CO CAS No. 75-37-6 Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H E/ 8001-79-4 NA 137-66-6 NA 137-66-6 NA 137-66-6 Flam. Liq. 3; S 79-89-0	or rash occurs water for se g. P337+P313 minated clothir ry Chemical, e. Keep cool. C (122 °F). P3 (TSDF). MPOSITI MPOSITI RTECS No. KI4100000 4220 EJ4200000 am. Gas 1; H220 NA NA NA NA NA NA NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & INC EINECS No. 200-866-1 203-448-7 0 NA 232-293-8 NA 232-293-8 NA 232-293-8 NA 233-466-0 227-813-5 Sens. 1; Aquatic 201-231-1	advice/atte . Remove tition persis t before renorized), to – Protect f e of content <b>BREDIE</b> % 30-60 20-40 10-20 10-20 1.0-5.0 0.1-1.0 0.1-1.0 0.1-1.0 0.0-0.1 c Acute 1; Acut	Intion. e contains get fuse. Point is get fuse. Point is get fuse. Point is contained by the second	P305+ act len medica 370+P guish. ainer to INFC 3IH M STEL NA 900 NA NA NA NA NA NA NA	P351+F ses, if   al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E S TWA S 1000 800 1 NF 1 NF 1 NF 1 NF 1 NF 1 NF 1 NF 1 NF	P338 – IF       present       present <td>IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN NA NA NA NA NA NA NA</td> <td>P313     S: Rin     sy to o     +P364     te Watch     a we     beratur     torage     AIR (mg     OSHA     Ppm     STEL     NA     NA</td> <td><ul> <li>B – se lo.</li> <li>Se lo.<td></td></li></ul></td>	IN EYE and eas a. P362 fire: Us Store in to temp ment, s LIMITS IN NA NA NA NA NA NA NA	P313     S: Rin     sy to o     +P364     te Watch     a we     beratur     torage     AIR (mg     OSHA     Ppm     STEL     NA     NA	<ul> <li>B – se lo.</li> <li>Se lo.<td></td></li></ul>	
	JOROETHANE ( INE YCERYL ATE/CAPRATE/ RATE US COMMUNIS OIL S VERNICIFLUA S VERNICIFLUA S VERNICIFLUA S NOCEDANEA ORBYL PALMITA SRANCE (PARFU OPHEROL (VITA NENE	CAPRYLATE// ISOSTEARAT 6 (CASTOR) PEEL WAX / A FRUIT WAX ATE JM)	If skin irritation cautiously with Continue rinsin Take off contar Foam, CO <sub>2</sub> , D ventilated place exceeding 50 ° disposal facility 3. CO CAS No. 75-37-6 Flam. Gas 1; H 106-97-8 Press. Gas; Fl 130905-60-1 H E/ 8001-79-4 NA 137-66-6 NA 137-66-6 NA 137-66-6 Flam. Liq. 3; S 79-89-0	or rash occurs water for se g. P337+P31: minated clothir ry Chemical, e. Keep cool. C (122 °F). P: (TSDF). MPOSITI MPOSITI I RTECS No. KI4100000 1220 EJ4200000 am. Gas 1; H220 NA NA NA NA NA NA	: Get medical veral minutes 3 – If eye irrita g and wash it Halon (if auth P410+P412 501 – Dispose ON & INC EINECS No. 200-866-1 203-448-7 0 NA 232-293-8 NA 232-293-8 NA 232-293-8 NA 233-466-0 227-813-5 Sens. 1; Aquatic 201-231-1	advice/atte . Remove tition persis t before renorized), to – Protect f e of content <b>BREDIE</b> % 30-60 20-40 10-20 10-20 1.0-5.0 0.1-1.0 0.1-1.0 0.1-1.0 0.0-0.1 c Acute 1; Acut	Intion. e contains get fuse. Point is get fuse. Point is get fuse. Point is contained by the second	P305+ act len medica 370+P guish. ainer to INFC 3IH M STEL NA 900 NA NA NA NA NA NA NA	P351+F ses, if   al advice 378 – Ir P403+ Do noi o a licen <b>DRMA</b> E NF ES- TWA S 1000 800 1 NF 1 NF 1 NF 1 NF 1 NF 1 NF 1 NF 1 NF	P338 – IF       present       present <td>IN EYE and eas a. P362 fire: Us Store in to temp ment, s K PEL NA NA NA NA NA NA NA</td> <td>P313     S: Rin     sy to o     +P364     te Watch     a we     beratur     torage     AIR (mg     OSHA     Ppm     STEL     NA     NA</td> <td><ul> <li>B – se lo.</li> <li>Se lo.<td></td></li></ul></td>	IN EYE and eas a. P362 fire: Us Store in to temp ment, s K PEL NA NA NA NA NA NA NA	P313     S: Rin     sy to o     +P364     te Watch     a we     beratur     torage     AIR (mg     OSHA     Ppm     STEL     NA     NA	<ul> <li>B – se lo.</li> <li>Se lo.<td></td></li></ul>	



Page 2 of 6 **SW-1910** 

	ared to OSHA, ACC, ANSI, I	NOHSC WHMIS	2001/58 & 1272/2	2008/FC Standard	s	SDS	Revisior	n <sup>.</sup> 1.0		SDS R	evision	Date: 7/1	5/2016	
					0	000		1. 1.0		0001	oviolon	Date: 171	0/2010	
		3 COMP	OSITION				ΜΔΤΙ	<u> </u>		nt'd				
		J. CONT									AIR (mg	u/m <sup>3</sup> )		
						ACGIH		NOHSC			OSH.			
						ppm		ppm			ppm	ı		
-UEM		CAS No.	RTECS No.	EINECS No.	%	TLV STE	ES-	ES- STEL	ES- PEAK	PEL	STEL	IDLH	0.1	HER
		91-64-5	NA	202-086-7	0.0-0.1	NA NA		NF	NF	NA	NA	NA	ALLEF	
COUN	MARIN	Acute Tox.	Oral 3; Aquatic Ac	cute 3; H301, H40	2	1 1								
CITR	ONELLOL	106-22-9	UT2975000	203-375-0	0.0-0.1	NA NA	A NF	NF	NF	NA	NA	NA	ALLEF	RGEN
EXTR	ACTS	NA	NA	NA	0.0-0.1	NA NA	NF	NF	NF	NA	NA	NA	ALLEF	RGEN
			4.	FIRST AI	D MEA	SURES	3							
4.1	First Aid:	Ingestion:	If ingested, d	o not induce	vomiting.	If produc	t has b	een sv	vallow	ed, dr	ink ple	enty of	water o	or mil
			IMMEDIATEL'	Y. If the patier	t is vomiti	ng, continu	e to offe	er wate	r or m	ilk. N	ever gi	ve water	r or milk	to ar
				person. Contac										
			estimate of th swallowed.	ne time at whi	ch the ma	aterial was	ingeste	d and	the a	mount	of the	e substa	nce that	at wa
		Eyes:		not likely; howe	ver if prod	luct aets in	the eve	s flush	with c	onious	amou	ints of lu	kewarm	wate
		<u>Lyco</u> .		minutes. If irrit					with t	opiou	Juniou		Rewarm	wate
		<u>Skin</u> :		urs and produc										
				e affected area	with soa	p and wat	er. If ir	ritation	redn	ess or	swelli	ng persi	sts, con	ntact a
		laste et ette en	physician imm	-										
4.2	Effects of Exposure:	Inhalation:		n to fresh air at		aaa vamiti	na ond/a	r diarrh						
<b>T.</b> 2	Encols of Exposure.	Ingestion: Eyes:		vallowed, may itating to the e						lude ra	adnace	itching	irritatio	n an
		<u>Lyes.</u>	watering.		es. Oyin		verexpo	Sule III	ay inc		Suness	s, noning	, innauc	лап
		Skin:	•	ng to skin. The	product	can cause	allergic	skin rea	actions	s (e.g.	, rashe	s, welts,	dermat	titis) i
			some sensitive	e individuals.			•							,
		Inhalation:	None expected	h										
	Symptoms of Overexposure:						-							
4.3				cause redness,										
4.3		itching, and in	rritation of affect	cause redness,										
4.3	Acute Health Effects:	itching, and in some sensitiv	rritation of affeo /e individuals.	cause redness,										
4.4	Acute Health Effects: Chronic Health Effects:	itching, and in some sensitiv Moderate irrit	rritation of affect	cause redness, sted areas. Th	e product	can cause	allergic	skin re	action	s (e.g.	, rashe			
4.4 4.5		itching, and in some sensitiv Moderate irrit	rritation of affec /e individuals. ation to eyes.	cause redness, sted areas. Th	e product	can cause	allergic	skin re	action	s (e.g.	, rashe			
	Chronic Health Effects: Target Organs: Medical Conditions	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing	rritation of affec /e individuals. ation to eyes. r chronic health dermatitis, othe	cause redness, cted areas. Th effects are exp er skin conditic	e product ected to c ns, and c	can cause	allergic	skin re	action tal ing	s (e.g.	, rashe			
4.4 4.5 4.6	Chronic Health Effects: Target Organs:	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing	rritation of affec ve individuals. ation to eyes. r chronic health	cause redness, cted areas. Th effects are exp er skin conditic	e product ected to c ns, and c	can cause	allergic a single a	skin re acciden	action tal ing	s (e.g.	, rashe			titis) ii
4.4 4.5 4.6	Chronic Health Effects: Target Organs: Medical Conditions	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing	rritation of affec /e individuals. ation to eyes. r chronic health dermatitis, othe	cause redness, cted areas. Th effects are exp er skin conditic	e product ected to c ns, and c	can cause	allergic a single a f the	skin re acciden HEALT	action tal ing H /ABII	s (e.g. estion	, rashe			titis) ii 1 3
4.4 4.5 4.6	Chronic Health Effects: Target Organs: Medical Conditions	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing	rritation of affec /e individuals. ation to eyes. r chronic health dermatitis, othe	cause redness, cted areas. Th effects are exp er skin conditic	e product ected to c ns, and c	can cause	allergic a single a f the	skin re acciden HEALT FLAMN PHYSI	tal ing H ABII	s (e.g. estion	, rashe	es, welts,		titis) ii 1 3 0
4.4 4.5 4.6	Chronic Health Effects: Target Organs: Medical Conditions	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing	rritation of affec /e individuals. ation to eyes. r chronic health dermatitis, othe	cause redness, cted areas. Th effects are exp er skin conditic	e product ected to c ns, and c	can cause	allergic	skin re acciden IEALT LAMN	tal ing H ABII CAL I CAL I	s (e.g. estion LITY HAZA /E EQ	, rashe	es, welts,		titis) ii 1 3
4.4 4.5 4.6	Chronic Health Effects: Target Organs: Medical Conditions	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing	rritation of affec /e individuals. ation to eyes. r chronic health dermatitis, othe	cause redness, cted areas. Th effects are exp er skin conditic	e product ected to c ns, and c	can cause	allergic	skin re acciden HEALT FLAMM PHYSI PROTE	tal ing H ABII CAL I CAL I	s (e.g. estion	, rashe	es, welts,		titis) ii 1 3 0
4.4 4.5 4.6 4.7	Chronic Health Effects: Target Organs: Medical Conditions Aggravated by Exposure:	itching, and in some sensitiv Moderate irrit No harmful or Eyes Pre-existing target organs	rritation of affec /e individuals. ation to eyes. r chronic health dermatitis, othe (eyes, skin, an <b>5. FI</b>	cause redness, sted areas. Th effects are exp er skin condition d respiratory sy REFIGHT	e product ected to o ns, and o stem).	can cause ccur from a lisorders o	allergic a single a f the F F E E S	skin re acciden LANT PHYSI PROTE YES	tal ing TH MABII CAL I CAL I S	s (e.g. estion LITY HAZA YE EQ KIN	, rashe	ENT		titis) ii 1 3 0
4.4 4.5 4.6 4.7	Chronic Health Effects: Target Organs: Medical Conditions	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing target organs	rritation of affect ve individuals. ation to eyes. r chronic health dermatitis, othe (eyes, skin, an <b>5. FI</b> E AEROSOL. L	cause redness, eted areas. Th effects are exp er skin condition d respiratory sy REFIGHT _evel 2 Aeroso	e product ected to o ns, and o stem). NG MI (NFPA 3	ccur from a lisorders o EASUR 0B). Aeros	allergic a single a f the F F E ES sols may	skin re acciden LEALT LAMI PHYSI PROTE YES	tal ing TH TABII CAL I CAL I S CTIV	s (e.g. estion LITY HAZA E EQ KIN	, rashe	ENT		titis) i 1 3 0
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4.4 4.5 4.6 4.7	Chronic Health Effects: Target Organs: Medical Conditions Aggravated by Exposure:	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing target organs <b>FLAMMABLI</b> 120 °F. Coo when bursting and release f	rritation of affect ve individuals. ation to eyes. r chronic health dermatitis, othe (eyes, skin, an <b>5. FI</b> E AEROSOL. L I uninvolved co	cause redness, sted areas. The effects are exp er skin condition d respiratory sy <b>REFIGHT</b> evel 2 Aeroso ntainers to prevare bursting, stat s or/or exposed	e product ected to o ns, and o stem). NG MI (NFPA 3 ent possi y clear ur gases if	ccur from a ccur from a lisorders o <b>EASUR</b> 0B). Aeros ole bursting exposed to	allergic a single a f the f F E E Sols may j. Aeros is comp the hea	skin re acciden HEALT LAMN PHYSIC PROTE EYES / burst sols ma blete. ( t of fire	tal ing TH TABII CAL I CAL I S CTIV S S at tem y be p Contain . Kee	LITY HAZA EEQ KIN peraturojecti ners m p conta	, rashe	ENT pove ards ture cool		titis) i 1 3 0
4.4 4.5 4.6 4.7	Chronic Health Effects: Target Organs: Medical Conditions Aggravated by Exposure:	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing target organs <b>FLAMMABLI</b> 120 °F. Coo when bursting and release f by spraying t sparks & ope	rritation of affect ve individuals. ation to eyes. r chronic health dermatitis, othe (eyes, skin, an (eyes, skin, an <b>5. FI</b> <b>5. FI</b> I uninvolved coi g. If aerosols a lammable liquid hem with water en flame. Kee	cause redness, sted areas. The effects are exp er skin condition d respiratory sy <b>REFIGHT</b> Level 2 Aeroso ntainers to prevar are bursting, sta ts or/or expose until the fire has p container clo	e product ected to o ns, and o stem). NG MI (NFPA 3 rent possii y clear ur d gases if as been e osed. Whe	can cause ccur from a disorders o EASUR 0B). Aeros oble bursting til bursting exposed to xtinguished en exposed	allergic a single a f the f f the f f f f f f f f f f f f f f f f f f f	skin re acciden HEALT FLAMM PHYSI PROTE TES / burst sols ma olete. ( t of fire away f n tempo	TH TABIE TAL I TABIE CAL I CAL I S CTIV S S S S S S S S S S S S S S S S S S S	LITY HAZA E EQ KIN Pperatu projecti bers m p conta eat, lit es, ma	, rashe	ENT Dove ards ture cool ttes, duce		titis) ii 1 3 0
4.4 4.5 4.6 4.7	Chronic Health Effects: Target Organs: Medical Conditions Aggravated by Exposure:	itching, and in some sensitiv Moderate irrit No harmful of Eyes Pre-existing target organs <b>FLAMMABLI</b> 120 °F. Coo when bursting and release f by spraying t sparks & ope hazardous de	rritation of affect ve individuals. ation to eyes. r chronic health dermatitis, othe (eyes, skin, an <b>5. FI</b> E AEROSOL. L I uninvolved co g. If aerosols a lammable liquid hem with water	cause redness, sted areas. The effects are exp er skin condition d respiratory sy <b>REFIGHT</b> Level 2 Aeroso ntainers to prevar are bursting, sta ts or/or expose until the fire has p container clo	e product ected to o ns, and o stem). NG MI (NFPA 3 rent possii y clear ur d gases if as been e osed. Whe	can cause ccur from a disorders o EASUR 0B). Aeros oble bursting til bursting exposed to xtinguished en exposed	allergic a single a f the f f the f f f f f f f f f f f f f f f f f f f	skin re acciden HEALT FLAMM PHYSI PROTE TES / burst sols ma olete. ( t of fire away f n tempo	TH TABIE TAL I TABIE CAL I CAL I S CTIV S S S S S S S S S S S S S S S S S S S	LITY HAZA E EQ KIN Pperatu projecti bers m p conta eat, lit es, ma	, rashe	ENT Dove ards ture cool ttes, duce		titis) ii 1 3 0
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4.4 4.5 4.6 4.7 5.1	Chronic Health Effects: Target Organs: Medical Conditions Aggravated by Exposure: Fire & Explosion Hazards:	itching, and it some sensitive moderate irrition of the sensensitive moderate irrition of the sensitive moderate irrition of	rritation of affect ve individuals. ation to eyes. r chronic health dermatitis, othe (eyes, skin, an <b>5. FI</b> E AEROSOL. L I uninvolved con g. If aerosols a lammable liquid hem with water en flame. Kee ecomposition pr	cause redness, sted areas. The effects are exp er skin condition d respiratory sy <b>REFIGHT</b> Level 2 Aeroso ntainers to prevare bursting, states sor/or expose until the fire has p container clored roducts such as mical, Halon (if	e product ected to o ns, and o stem). NG MI (NFPA 3 rent possi y clear ur d gases if as been e osed. Whe oxides or authorized	can cause ccur from a lisorders o ble bursting til bursting exposed to xtinguished en exposed carbon (e.	allergic a single a f the F F E E Sols may g. Aeros is comp the hea l. Keep I to high g., CO,	skin re acciden HEALT FLAMM PHYSI PROTE PROTE Sols ma olete. ( t of fire away f n tempo CO <sub>2</sub> ) a	action tal ing TH ABII CAL I SCTIV SCTIV Scontaii . Kee room he erature nd niti	LITY HAZA E EQ KIN Poperatu projecti bers ma p conta eat, lit es, ma rogen	, rashe	ENT Dove ards ture cool ttes, buce NO <sub>x</sub> )		titis) ii 1 3 0
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4.4 4.5 4.6 4.7 5.1 5.2	Chronic Health Effects: Target Organs: Medical Conditions Aggravated by Exposure: Fire & Explosion Hazards:	itching, and in some sensitive moderate irrition         Moderate irrition         No harmful or Eyes         Pre-existing of target organs         Itaget organs         FLAMMABLI         120 °F. Coor when bursting and release fiby spraying the sparks & ope hazardous de and smoke.         Water, Foam         As in any firm and full protein	rritation of affect <u>iation to eyes.</u> <u>r chronic health</u> dermatitis, othe (eyes, skin, an <b>5. FI</b> <b>5. FI</b>	cause redness, sted areas. The effects are exp er skin condition d respiratory sy <b>REFIGHT</b> Level 2 Aeroso ntainers to preva te bursting, states or/or expose until the fire has p container clo roducts such as mical, Halon (iff /NIOSH approve eep containers	e product ected to o ns, and o stem). NG MI (NFPA 3 ent possi y clear ur d gases if as been e osed. Whe oxides of authorized ed self-coc cool until	can cause ccur from a lisorders o EASUR DB). Aeros ole bursting exposed to she sposed to til bursting exposed to tringuished of carbon (e. ) ntained browell after th	allergic a single a f the F E E Sols may g. Aeros is comp the hea l. Keep I to high g., CO, eathing he fire is	skin re acciden LEALT LAMI PHYSI PROTE STES / burst sols ma olete. ( t of fire away fo t tempo CO <sub>2</sub> ) a appara out. L	tal ing tal ing ABII ABII CAL I CAL I CAL I S CTIV S CONTAII . Kee room he erature nd nitu	LITY AZA ZE EQ KIN Poperature portioners mo potentioners mo po	, rashe	ENT Dove ards ture cool ttes, tuce NO <sub>x</sub> ) and) cool		titis) ii 1 3 0
4.4 4.5 4.6 4.7 5.1 5.2	Chronic Health Effects: Target Organs: Medical Conditions Aggravated by Exposure: Fire & Explosion Hazards:	itching, and in some sensitive         Moderate irrition         No harmful or Eyes         Pre-existing of target organs         target organs         FLAMMABLI         120 °F. Coor when bursting and release f         by spraying tist sparks & ope hazardous de and smoke.         Water, Foam         As in any firriand full prote fire-exposed	rritation of affect ve individuals. ation to eyes. r chronic health dermatitis, othe (eyes, skin, an <b>5. FI</b> E AEROSOL. I I uninvolved coi g. If aerosols a lammable liquic hem with water en flame. Kee ecomposition pr <u>, CO<sub>2</sub>, Dry Cher</u> e, wear MSHAV	cause redness, sted areas. The effects are exp er skin condition d respiratory sy <b>REFIGHT</b> Level 2 Aeroso ntainers to prevare bursting, stats or/or expose until the fire has op container close roducts such as mical, Halon (iff /NIOSH approv- ep containers o protect person	e product ected to o ns, and o stem). NG MI (NFPA 3 rent possii y clear ur d gases if as been e osed. Whe o aides of authorized ed self-coc cool until nal. Figh	can cause ccur from a lisorders o <b>EASUR</b> 0B). Aerosole bursting til bursting exposed to xtinguished en exposed of carbon (e. ) ntained browell after th t fire upwin	allergic a single a f the f the F E E Sols may g. Aeros is comp t to high g., CO, eathing he fire is d. Prev	skin re acciden LEALT LAMD PHYSIC PROTE SOIS ma olete. ( t of gre away fo t to fire away fo t to fire away fo t to fire away fo t to fire away fo t to fire cO <sub>2</sub> ) a appara out. L yent rur	action tal ing ABII ABII CAL I CAL I S CAL I S S CAL I S S S CAL I S S S S S S S CAL I S CAL I S S S CAL I S S S CAL I S S S S S S S S S S S S S S S S	estion estion ITY IAZA ZE EQ KIN peratu projecti ners m p conta eat, lit es, ma rogen ressur-	, rashe	ENT Dove ards ture cool ttes, tuce NO <sub>x</sub> ) and) cool ol or		titis) ii 1 3 0
4.4 4.5 4.6 4.7 5.1 5.2	Chronic Health Effects: Target Organs: Medical Conditions Aggravated by Exposure: Fire & Explosion Hazards:	itching, and it some sensitive         Moderate irrition         No harmful or         Eyes         Pre-existing or         target organs         Ital 20 °F. Coor         when bursting and release f         by spraying t         sparks & ope         hazardous de and smoke.         Water, Foam         As in any fire and full prote fire-exposed         dilution from         must use ful	rritation of affect ve individuals. ation to eyes. r chronic health dermatitis, othe (eyes, skin, an <b>5. FI</b> E AEROSOL. L I uninvolved coi g. If aerosols a lammable liquid hem with water en flame. Kee ecomposition pr , <u>CO<sub>2</sub>, Dry Cher</u> e, wear MSHAV active gear. Ke surfaces and to entering sewe Il bunker gear	cause redness, sted areas. The effects are exp er skin condition d respiratory sy <b>REFIGHT</b> evel 2 Aeroso ntainers to preva- te bursting, stat s or/or exposed until the fire h- p container cla roducts such as mical, Halon (if /NIOSH approv ep containers o protect perso rs, drains, drin including NIC	e product ected to o ns, and o stem). NG MI (NFPA 3 rent possil y clear ur d gases if as been e osed. Whe oxides of authorized ed self-co cool until nal. Figh king wate	can cause ccur from a lisorders o lisorders o de bursting exposed to stinguished en exposed of carbon (e. d) intained browell after th t fire upwin r supply, o ved positiv	allergic a single a f the f f the f F E E E Sols may a single a f the f F E E C C C C C C C C C C C C C	skin re acciden LAMI PHYSI PROTE PROTE PROTE Sols ma blete. (t t of fire away f a tempo CO <sub>2</sub> ) a appara out. U yent rur atural \ sure se	action tal ing ABII CAL I CAL I CAL I CAL I CAL I SCTIV SCTI	LITY HAZA ZE EQ KIN Poperatu rojecti hers m p conta eat, lit es, ma rogen ressure tar spe /ay. F tained	RDS UIPM UIPM UIPM ainers a cigared y prod (e.g., N e-dema ray to contro Firefigh breatl	ENT ENT Dove ards ture cool ttes, iuce NO <sub>x</sub> ) and) cool of or ters hing		titis) ii 1 3 0
4.4 4.5 4.6 4.7 5.1 5.1	Chronic Health Effects: Target Organs: Medical Conditions Aggravated by Exposure: Fire & Explosion Hazards:	itching, and it some sensitive         Moderate irrition         No harmful or         Eyes         Pre-existing or         target organs         Ital 20 °F. Coor         when bursting and release f         by spraying t         sparks & ope         hazardous de and smoke.         Water, Foam         As in any fire and full prote fire-exposed         dilution from         must use ful	rritation of affect <u>iation to eyes.</u> <u>iation to eyes.</u> <u>r chronic health</u> dermatitis, othe (eyes, skin, an <b>5. FI</b> <b>5. FI</b>	cause redness, sted areas. The effects are exp er skin condition d respiratory sy <b>REFIGHT</b> evel 2 Aeroso ntainers to preva- te bursting, stat s or/or exposed until the fire h- p container cla roducts such as mical, Halon (if /NIOSH approv ep containers o protect perso rs, drains, drin including NIC	e product ected to o ns, and o stem). NG MI (NFPA 3 rent possil y clear ur d gases if as been e osed. Whe oxides of authorized ed self-co cool until nal. Figh king wate	can cause ccur from a lisorders o lisorders o de bursting exposed to stinguished en exposed of carbon (e. d) intained browell after th t fire upwin r supply, o ved positiv	allergic a single a f the f f the f F E E E Sols may a single a f the f F E E C C C C C C C C C C C C C	skin re acciden LAMI PHYSI PROTE PROTE PROTE Sols ma blete. (t t of fire away f a tempo CO <sub>2</sub> ) a appara out. U yent rur atural \ sure se	action tal ing ABII CAL I CAL I CAL I CAL I CAL I SCTIV SCTI	LITY HAZA ZE EQ KIN Poperatu rojecti hers m p conta eat, lit es, ma rogen ressure tar spe /ay. F tained	RDS UIPM UIPM UIPM ainers a cigared y prod (e.g., N e-dema ray to contro Firefigh breatl	ENT ENT Dove ards ture cool ttes, iuce NO <sub>x</sub> ) and) cool of or ters hing		1 3 0



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Prep	ared to OSHA, ACC, ANSI, N	IOHSC, WHMIS, 2001/58 & 1272/20	08/EC 5	Standards	6	SDS	Revision: 1	.0	SDS	Revision	Date: 7/15/2016
		6. ACCIDE	ENTA	<b>AL RE</b>	ELEAS	E MEA	SURES	3			
.1	Spills:	Before cleaning any spill or	· leak,	individu	uals involv	red in spi	ll cleanup	must w	vear ap	propriate	e Personal Protec
		Equipment (PPE).		<b>.</b>							
		For <u>small spills</u> (e.g., < 1 ga									
		equipment (e.g., goggles, glo Dike and contain spill with in									
		Remove spilled material with									
		properly in accordance with I									
		plenty of warm water and soa						ash tho	roughly	before r	euse. Keep spills a
		cleaning runoffs out of munici	pal sev	vers and	open bod	ies of wate	er.				
				OT0	DACE						
4	Mark & Uvriana Drastiana	7. HANDLIN						JN			
.1 .2	Work & Hygiene Practices: Storage & Handling:	Do not eat, drink, or smoke w					l avhauat v	ontilatio	n fana)	Kaan	away from avaaa
.2	Storage & Handling.	Use and store in a cool, dry, heat and open flames.	well-ve	entilated	location	(e.g., loca	exnaust v	entilatio	on, rans)	). Keep	away from excess
.3	Special Precautions:	Spilled material may present a	a slippi	na haza	rd if left un	attended.	Clean all s	spills pro	omptly.		
			<u>a enppr</u>			attoriada	elean an e	ipilio pre			
		8. EXPOSURE CO	NTR	OLS	& PER	SONA	L PRO	ГЕСТ	ION		
1	Exposure Limits:			GIH		NOHSC	_		OSHA		OTHER
	ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		DIFLUOROETHANE (R-152a)	1000 100	NA	1000	NF	NF	NA	NA	NA	
		BUTANE	0	900	800	1900	NF	NA	NA	1900	
		LIMONENE	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		METHYL IONONES	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
			NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		COUMARIN	NA	NA	NF	NF	NF	NA	NA	NA	ALLERGEN
		EXTRACTS	NA NA	NA NA	NF NF	NF NF	NF NF	NA NA	NA NA	NA NA	ALLERGEN ALLERGEN
.2	Ventilation & Engineering	General mechanical (e.g., fa									
	Controls:	exhaust ventilation to effecti product. Ensure that an eyew	vely re	move a	nd preven	it buildup	of vapors	or mist	genera	ted fror	n the handling of
3.3	Respiratory Protection:	No special respiratory prote									
		necessary, use only respira									
		§1910.134, or applicable U.S	. state i								
		E.C. member states, or Austra									
3.4	Eye Protection:	Avoid eye contact. Protective									
		with side-shield) at all times eyewear when cleaning spills									
		and concentrate irritants.	UI ICar	(S. COII		s pose a s	pecial flaza	iiu, soit	1011303	may ab:	
3.5	Hand Protection:	None required under normal	conditi	ons of u	use. Howe	ver. mav	cause skin	irritatio	n in son	ne sens	itive
		individuals. If anticipated that	t prolor	nged & r	repeated s	kin contac	t will occur	during	use of t	his proc	luct,
		wear latex or rubber gloves							.S. OSł	HA 29 (	CFR
		§1910.138, the appropriate st								-	
3.6	Body Protection:	No special body protection is refer to appropriate standards							dling. If	necess	ary,
		Teler to appropriate standards		iaua, inc	e E.C. Illei	TIDEI SIALE	5, 01 0.3. 0	J311A.			
		9. PHYSIC	AL &	CHE	MICAL		PERTIE	S			
.1	Appearance:	Aerosol. Yellow liquid									
.2	Odor:	Fragrant odor									
.3	Odor Threshold:	NA									
.4	pH:	NA									
.5	Melting Point/Freezing Point:	NA									
.6	Initial Boiling Point/Boiling	NA									
.7	Range: Flashpoint:	NA									
.8	Upper/Lower Flammability		EO A \								
	Limits:	LEL: 5.1% / UEL: 17.1% (R-1	52A)								
.9	Vapor Pressure:	65 ± 5 psig @ 70 °F									
	Vapor Density:	NA									
9.11	Relative Density:	6.375 lb/gal									
).11 ).12	Solubility in Water:	Soluble									
9.10 9.11 9.12 9.13 9.14											



Page 4 of 6 **SW-1910** 

	VENNO,ST							
Prepa	red to OSHA, ACC, A	NSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC St	andards SDS Revision: 1.0	SDS Revision Date: 7/15/2016				
			MICAL PROPERTIES – cont	'd				
9.15	Decomposition Tempera							
9.16 Viscosity:		NA						
9.17	Other Information:	VOC: 36.0%						
		10. STABI	LITY & REACTIVITY					
10.1								
0.2	D.2 Hazardous Decomposition Products: Oxides of carbon (CO, CO <sub>2</sub> ) and sulfur (SO <sub>2</sub> ).							
0.3	Hazardous Polymerizati	<sup>on:</sup> Will not occur.						
10.4	Conditions to Avoid:	Open flames, sparks and high heat.						
10.5	Incompatible Substance	s: None known.						
			OGICAL INFORMATION					
1.1	Routes of Entry:	Inhalation: YES	Absorption: YES	Ingestion: YES				
11.2	Toxicity Data:		animals to obtain toxicology data. Toxicolo	• .=•				
			of the product and is presented below:	g) and, contain coortains included ,				
1.3	Acute Toxicity:	See section 4.4						
1.4	Chronic Toxicity:	See section 4.5						
1.5	Suspected Carcinogen:		ARC 3 - Group 3 (Not classifiable as to its car	rcinogenicity to humans): <u>Limonene</u>				
1.6	Reproductive Toxicity:	This product is not reported to produce						
	Mutagenicity:	This product is not reported to produc	5					
	Embryotoxicity:	This product is not reported to produc						
	Teratogenicity:	This product is not reported to cause t						
4 7	Reproductive Toxicity:	This product is not reported to cause i	reproductive effects in humans.					
1.7 1.8	Irritancy of Product: Biological Exposure Ind	See Section 4.3.						
1.9	Physician Recommenda							
-	,	Treat symptomationry.						
		12. ECOLOG	BICAL INFORMATION					
12.1	Environmental Stability:	There is no specific data available for	•					
12.2	Effects on Plants & Anir		•					
12.3	Effects on Aquatic Life:	There is no specific data available for	this product.					
		13. DISPOSA	L CONSIDERATIONS					
13.1	Waste Disposal:		e with appropriate Federal, state, and local re	equiations.				
13.2	Special Considerations:	U.S. EPA Waste Number: D001 (char		5				
		14. TRANSPOR	RTATION INFORMATION					
		Number, proper shipping name, hazard cla	ss & division, packing group) is shown for ea	ach mode of transportation. Addition				
desc 14.1	riptive information r 49 CFR (GND):	hay be required by 49 CFR, IATA/ICAO, IMDO						
		CONSUMER COMMODITY, ORM-D UN1950, AEROSOLS, 2.1 (LTD QTY	, IP VOL ≤ 1.0 L)	$\bigcirc$				
14.2	IATA (AIR):	CONSUMER COMMODITY, 9, ID800 UN1950, AEROSOLS, FLAMMABLE,						
14.3	IMDG (OCN):	UN1950, AEROSOLS, 2.1 (LTD QTY	/, IP VOL ≤ 1.0 L)	$\Diamond$				
4.4	TDGR (Canadian GND)		ITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" ∟S, FLAMMABLE, 2.1 (LTD QTY, IP VOL ≤ 1					
14.5	ADR/RID (EU):	UN1950, AEROSOLS, 2.1 (LTD QTY,	IP VOL ≤ 1.0 L)	$\diamond$				
14.6	SCT (MEXICO):	UN1950, AEROSOLES, 2.1 (CANT. L		$\diamond$				
14.7	ADGR (AUS):	UN1950, AEROSOLS, 2.1 (LTD QTY,	IP VOL ≤ 1.0 L)	$\diamond$				
				-				



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 7/15/2016

		15. REGULATORY	NFORMATION				
15.1	SARA Reporting Requirements:	This product does not contain any substances su	bject to SARA Title III, section 313 reporting requirements.				
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantit	ies for the components of this product.				
15.3	TSCA Inventory Status:	The components of this product are listed on the	TSCA Inventory.				
15.4	CERCLA Reportable Quantity (RQ):	NA					
15.5	Other Federal Requirements:	(Cosmetics). This material does not contain any hazardous air	ctions of the Food and Drug Administration's 21 CFR subchapter G pollutants. None of the components in this product are listed as priority ints in this product are listed as toxic pollutants under the CWA.				
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS B5, D2B (Flammable Aerosol, Other Toxic Effects)					
15.7	State Regulatory Information:	criteria lists: California Proposition 65 (CA65), I List (FL), Massachusetts Hazardous Substances Substances List (MN), New Jersey Right-to-Kno	e criteria lists: MA and NJ. concentration of 1.0% or greater, are listed on any of the following state Delaware Air Quality Management List (DE), Florida Toxic Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous w List (NJ), New York Hazardous Substances List (NY), Pennsylvania Exposures List (WA), Wisconsin Hazardous Substances List (WI).				
15.8	Other Requirements:	NA					
		16. OTHER INFO	ORMATION				
		open flames and other ignition sources. No smo or burn, even after use. Avoid breathing fume/ga and warm thoroughly after handling. If skin irrit with plenty warm water and soap. IF IN EYES: R if present and easy to do. Continue rinsing. If Water, Foam, CO <sub>2</sub> , Dry Chemical, Halon (if auth	<b>OUS EYE IRRITATION.</b> Keep away from heat, hot surfaces, sparks, king. Do not spray on open flame or other ignition source. Do not pierce as/mist/vapours/spray. Wash hands and exposed skin areas with soap ation or rash occurs: Get medical advice/attention. IF ON SKIN: Wash inse cautiously with water for several minutes. Remove contact lenses, eye irritation persists get medical advice/attention. In case of fire: Use orized) to extinguish. Store in a well-ventilated place. Keep cool. Use expose to temperatures exceeding 50 °C (122 °F). Discontinue use <b>REACH OF CHILDREN.</b>				
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.					
16.3	Disclaimer:	government regulations must be reviewed for ap of CA's knowledge, the information contained suitability or completeness are not guaranteed ar PROVIDED INCLUDING THE WARRANTIES OF The information contained herein relates only	OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other plicability to this product. To the best of ShipMate's & Shield Packaging herein is reliable and accurate as of this date; however, accuracy, nd NO WARRANTIES OF ANY TYPE, EXPRESSED OR IMPLIED, ARE MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. to the specific product(s). If this product(s) is combined with other sidered. Data may be changed from time to time. Be sure to consult the				
16.4	Prepared for:	Shield Packaging of CA, Inc. 5165 "G" Street Chino CA 91710 USA Tel: +1 (909) 628-4707 Fax: +1 (909) 591-8916 http://www.shieldpackaging.com	S				
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate Dangerous Goods Training & Consulting				



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 7/15/2016

## **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### **GENERAL INFORMATION:**

CAS No.	Chemical Abstract Service Number			
EXPOSURE LIMITS IN AIR:				
ACGIH	American Conference on Governmental Industrial Hygienists			
C	Ceiling Limit			
ES	Exposure Standard (Australia)			
IDLH Immediately Dangerous to Life and Health				
OSHA U.S. Occupational Safety and Health Administration				
PEL	Permissible Exposure Limit			
STEL Short-Term Exposure Limit				
TLV	Threshold Limit Value			
TWA	Time Weighted Average			

#### FIRST AID MEASURES:

CPR Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

### HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

#### PERSONAL PROTECTION RATINGS:

Α	0		G			
в	0		н			
С		E 1	I			
D	C C	E T	J			
Е		$\bigcirc$	κ			
F			X	Consult you special hand	r supervisor or Iling directions	SOPs fo
Sa	afety Glasses	Splash Goggles		e Shield & tive Eyewear	Glove	s
	Boots	Synthetic Apron		tive Clothing Full Suit	Dust Resp	birator
Full I	Face Respirator	Dust & Vapor Half- Mask Respirator		ull Face espirator	Airline Hoo or SCE	
отн	ER STANDARD	ABBREVIATIONS	:	-		

ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA Not Available	
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

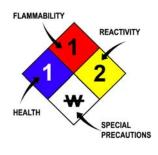
#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

## FLAMMABILITY LIMITS IN AIR:

Autoignition	Minimum temperature required to initiate combustion in air with no other
Temperature	source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will
	explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

#### HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals	
	s	
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal	
ppm	Concentration expressed in parts of material per million parts	
TD <sub>io</sub>	Lowest dose to cause a symptom	
TCLo	Lowest concentration to cause a symptom	
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects	
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>		
IARC	International Agency for Research on Cancer	
NTP	National Toxicology Program	
RTECS	Registry of Toxic Effects of Chemical Substances	
BCF	Bioconcentration Factor	
TLm	Median threshold limit	
log Kow or log Koc	Coefficient of Oil/Water Distribution	

#### **REGULATORY INFORMATION:**

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

#### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

	Work LAGE HAZARDOOD MATERIALO IDENTIFICATION (WINNO) OTOTEM.							
$\bigcirc$	۲	٨	Q	1	۲		Ĩ	
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F	
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive	

#### EC (67/548/EEC) INFORMATION:

		N	¥	8	<b>®X</b>	×	×
С	E	F	Ν	0	т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

#### CLP/GHS (1272/2008/EC) PICTOGRAMS:

			$\Diamond$			$\diamondsuit$		
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environ- ment

## <u>Material Safety Data Sheet</u> Marianna Industries Inc 11222 I St Omaha NE 68137-1296 Non-Emergency (402) 593-0211 EMERGENCY INFOTRAC (800) 457-4280

Created: 3-2011

## I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: Surface Taffy Whip

## II. HAZARDS IDENTIFICATION

**Primary route of exposure** :. Skin and eyes contact. **Symptoms relating to use** 

-- Skin contact : Repeated exposure may cause sensitization due to an allergic reaction of the skin.

Prolonged or repeated contact may cause skin to become dry or cracked.

- Eye contact : Redness, pain. Blurred vision. Burning sensation.

- Ingestion : Abdominal pain, nausea.

## III. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation :			Preparation.		
Components :			This product is hazardous.		
Substance name Blend of Fatty alcohols	Contents <8	CAS No	EC No	Annex No	Classification

## IV. FIRST AID MEASURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are

held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

**INGESTION**: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

**OTHER HEALTH EFFECTS: N/A** 

## V. FIRE FIGHTING MEASURES

**PYROPHORIC**: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

**FIRE FIGHTING INSTRUCTIONS:** Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

## UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

## VI. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

## VII. .HANDLING AND STORAGE

Stable under normal conditions.

## VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

**EYE PROTECTION:** None required under normal use

**PROTECTIVE GLOVES**: None required under normal use

**RESPIRATORY PROTECTION**: None required under normal use

**OTHER PROTECTION**: None required under normal use

VENTILATION: None required under normal use

## IX PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 220° F FLASH POINT: N/A

MELTING POINT: N/A VAPOR DENSITY: N/A

SOL. IN WATER: semi soluble SPECIFIC GRAVITY: 0.975-0.990@ 22° C

EVAPORATION RATE: N/A

pH: 3.75-5.00

APPEARANCE/ODOR: Thick Liquid to paste, White To amber in color, pleasant fragrance

STABILITY: Normally stable

**INCOMPATIBILITY: N/A** 

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

XI TOXICOLOGICAL INFORMATION\_

None available

XII ECOLOGICAL INFORMATION

**Ecological effects information** : No data available..

## XIII DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

## XIV TRANSPORT INFORMATION\_

General Shipping. No known Hazards

## XIV REGULATORY INFORMATION\_

General No known Hazards

## XVI OTHER INFORMATION.

## DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

Surface Taffy Whip

# SURFACE HAIR TEXTURE PASTE

Revision

**Revision Date:** 

Original 2014-07-10

## Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

- Product Name:Surface Hair Texture PasteDescription:Use as a Styling Cream
- Manufacturer: Liquid Technologies, Inc 14425 Yorba Avenue Chino, CA 91710

Telephone

800-424-9300 CHEMTREC US 703-527-3887 CHEMTREC INTERNATIONAL COLLECT CALLS ACCEPTED

Fax

Section 2. HAZARDS IDENTIFICATION Main Hazards No s

No significant hazards

## Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

	Conc.	CAS	EINECS	Symbols/Risk Phases
Water/Aqua/Eau	55 - 60%	7732-18-5	231-791-0	i nuses
/egetable Oil	3.0 - 10.0%	68956-68-3	273-313-5	
Fribehenin	3.0 - 10.0%	18641-57-1	242-471-7	
PEG-40 Hydrogenated Castor Oil	3.0 - 10.0%	61788-85-0	272 7/1 /	
Bentonite	3.0 - 10.0%	1302-78-9	215-108-5	
Cetyl Alcohol	3.0 - 10.0%	36653-82-4	253-149-0	
PEG-7 Hydrogenated Castor Oil	3.0 - 10.0%	61788-85-0	255 115 0	
Glyceryl Stearate	1.0 - 3.0%	123-94-4	204-664-4	
PEG-100 Stearate	1.0 - 3.0%	9004-99-3	2010011	
Polyacrylate-14	1.0 - 3.0%	5001 55 5		
Dimethicone	1.0 - 3.0%	9016-00-3	205-491-7	
Dimethicone PEG-8 Meadowfoamate	1.0 - 3.0%	157479-51-1		
Bambusa Vulgaris Extract	<0.1%	137473-31-1		
Glycerin	<0.1%	56-81-5	200-289-5	
		50 01 5	200 205 5	
Hydrolyzed Vegetable Protein PG-Propyl Silanetriol	<0.1%			
Hydrolyzed Amaranth Protein	<0.1%			
Fragrance/Parfum	0.1 - 1.0%	COCO7 00 F	274 770 5	
Hydrolyzed Soy Protein	<0.1%	68607-88-5	271-770-5	
Linum Usitatissimum (Linseed) Seed Oil	<0.1%	8001-26-1	232-278-6	
Drbignya Oleifera Seed Oil	<0.1%	91078-92-1	293-376-2	
Aloe Barbadensis Leaf Juice	0.1 - 1.0%	85507-69-3	287-390-8	
Phospholipids	0.1 - 1.0%	123465-69-3	287-390-8	
Tocopheryl Acetate	0.1 - 1.0%	58-95-7	200-228-5	
Retinyl Palmitate	0.1 - 1.0%	79-81-2	201-228-5	
Ascorbyl Palmitate	0.1 - 1.0%	137-66-6	205-305-4	
Tourmaline	<0.1%			
Ceramide NP	<0.1%	72968-43-5	277-140-6	
Corn Starch, Modified	<0.1%			
Sucrose	<0.1%	57-50-1	200-334-9	
Phenoxyethanol	0.1 - 1.0%	122-99-6	204-589-7	Xn, R22-36,S2(26
Caprylyl Glycol	0.1 - 1.0%	1117-86-8	214-254-7	
Ethylhexylglycerin	0.1 - 1.0%	70445-33-9		
Hexylene Glycol	0.1 - 1.0%	107-41-5	203-489-0	
Section 4. FIRST AID MEASURES		•	•	·

Skin Contact:	Flush with copious amounts of water. If irritation persists seek medical				
	attention.				
Eye Contact:	Flush with copious amounts of water. If irritation persists seek medical				
	attention.				
Ingestion:	Do not ingest. Seek Medical attention.				
In the last survey					
Inhalation:	If vapors or fumes cause irritation, remove exposed person to fresh air. If				
	irritation persists seek medical attention				
Section 5. FIRE FIGHT					
Flammability Classific					
Extinguishing Media:	Use extinguishing media appropriate to surrounding fire conditions				
Protective equipment					
Unusual Fire and Expl					
	AL RELEASE MEASURES				
Clean up method:	Absorb/recover material. Place in waste container. Clean spillage area thoroughly contaminated surfaces will become slippery				
Disposal mathadu					
Disposal method:	Dispose of according to local, state/federal regulations. US disposal must be carried out under EPA, State and Federal laws.				
Section 7. HANDLING					
Storage:	Keep in a cool, dry well ventilated place. Protect containers from extreme				
Storage.	temperatures and damage. Store in correctly labeled containers in a hygienic				
	environment.				
Section & EVDOSUBE	CONTROLS and PERSONAL PROTECTION				
Engineering Control:	Ventilation- local exhaust				
Respiration Control:	Not required under normal use conditions				
Occupation exposure	Keep away from food, drink and animal feeding stuffs				
controls:	Reep away ironi roou, urink anu aninidi reeunig sturis				
Protective Gloves:	Optional				
	Avoid contact with eyes - goggles optional				
	and CHEMICAL PROPERTIES				
pH:	n/a				
Appearance:	Opaque, grey soft to semi-hard paste				
% Volatile/ Volume:	0.00%				
Water Solubility	soluble				
Section 10. STABILITY					
Stability	Stable under normal conditions				
Hazardous Polymeriza					
Incompatibility(mater					
	Extreme Heat or freezing temperatures				
Section 11. TOXICOLO					
Acute Toxicity	No specific toxicological testing has been carried out on this product. All ingredients				
,	have been incorporated under the controls of current legislation				
Corrosivity	May cause irritation to eyes				
Repeated or	May cause irritation to skin				
Prolonged Exposure	·				
Section 12. ECOLOGIC	ALINFORMATION				
Mobility	Soluble in water				

Degradability	Avoid uncontrolled release of this material in the environment. Not readily		
	biodegradable.		

## Section 13. DISPOSAL CONSIDERATIONS

General InformationDispose of in accordance with all local and national regulationsPackaging DisposalContainers can be recycled in compliance with all local and national regulations

## Section 14. TRANSPORT INFORMATION

Further InformationThis product is not classified as a dangerous for carriageNot regulated by Department of Transportation (DOT)

## Section 15. REGULATORY INFORMATION

<b>Risk Phrases</b>	NSH - No Significant Hazard
Safety Phrases	S2 - Keep Out of Reach of children
	S25 - Avoid Contact with Eyes
<b>Further Information</b>	Seek medical attention if irritation or symptoms persist
	Store in a cool dry area
TSCA	N/A
SARA Title III,	N/A
Section 313(40CFR372)	
California VOC	This formula contains 0% Volatile Organic Compounds
Guidance Notes	California Proposition 65- To the best of our knowledge, this products does not
	contain any ingredients that the State of California has found to cause cancer,
	birth defects or other reproductive abnormalities.
Section 16. OTHER IN	FORMATION
<b>Text of Risk Phrases</b>	Xn - Harmful
in Section 3	R22-36 - Harmful if swallowed

**Further Information** The information supplied in the Safety Data Sheet is designed only as guidance for the safe use and handling of the product. The information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy.

# GHC Theory Styling Spray

PAGE 1 of 3

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• •		
Section I: <u>General Information</u>		
Chicago Aerosol, LLC 1300 North Street Coal City, Illinois 60416	Emergency Phone: Information Phone: Date Prepared:	
roduct is predominantly an alcoholic solution of alogenated hydrocarbon propellants.	File: F a hair fixative resin expe	elled by
	D.I., In Boxes, NMFC Item 60	0000,
IFPA Class II Aerosols		
Section II: Hazardous Ingredients/Identity Info	rmation	
Hazardous Components (Specific Chemical Ident 0	ity/Common Name) SHA PEL ACGIH TLV	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
SD Alcohol (Comprised of) (Ethyl Alcohol CAS# 64-17-5 (*T-butyl Alcohol CAS# 75-65-0 2-Amino-2-Methyl-1-propanol CAS# 124-68-5	1000 ррт 100 ррт N/К	< 55.0 99.7) 0.1) < 1.5
Ethane, 1,1-Difluoro CAS# 75-37-6	N/E	< 42.0
* These materials subject to requirements of Sec SARA TITLE III.	tion 311, 312 and/or 313 of	
Hazard Ratings: Health - 1 Fire - 3	Reactivity - 0 Other	· - 0
	N/A = Not Applicable)	
Section III: Physical/Chemical Characteristics		
fragranced liquid.	Melting Point: N/A 5-55 berature.) Evaporation Rate (H2 5 clear to pale yellow non-v	
Section IV: Fire and Explosion Hazard Data		
Flash Point: 65F T.O.C. * Extinguishing Media: CO2 or dry chemical for Special Fire Fighting Procedures: Addition or rate. Use of NIOSH self-contained Use water spray to cool fire-expo Unusual Fire and Explosion Hazards: Flammab ignited by distant ignition source develop sufficient internal press	breathing apparatus in con sed containers. le vapors may travel along containers exposed to	rge fires. ucing burning fined areas. floor to be fire may
(* For pure ethanol)		
GHC Theory Styling Spray		PAGE 2 of 3
Section V: <u>Reactivity Data</u>	······································	
Stability: Stable Conditions t	co Avoid: Keep away from he sources.	eat or ignition
Incompatibility: Keep concentrate away from Hazardous Decomposition or Byproducts: Comb of carbon and nitrogen.	1 strong oxidizing agents. Sustion of liquid may form of liquid may	oxides

of carbon and nitrogen.

Hazardous Polymerization: Will not occur. Conditions to avoid: None known when used as directed.

Route(s) of Entry: Inhalation, eye, skin and ingestion. Health Hazards (Acute and Chronic): Inhalation - irritation of respiratory tract. Eye - irritation; possible damage from large doses. Ingestion irritation of gastro-intestinal tract. Skin - possible irritation from large doses.
Carcinogenicity: N/A
Signs and Symptoms of Overexposure: Inhalation - irritation of respiratory tract, headache, dizziness, fatigue. Ingestion - irritation of gastrointestinal tract, nausea, diarrhea, vomiting. Eye - irritation or burning sensation. Skin - irritation or reddening.
Medical Conditions Generally Aggravated by Exposure: None known when used as directed. Emergency and First Aid Procedures: Inhalation - remove victim to fresh air, obtain medical attention if necessary. Ingestion - call a physician or poison control center, induce vomiting only on the advice of a physician. Eyes - flush with water for fifteen (15) minutes, obtain medical attention if irritation persists.

(NOTE: This product is considered safe when used as directed.)

Section VII: Precautions for Safe Handling and Use

Section VIII: Control Measures

Section VI: Health Hazard Data

Respiratory Protection (Specify Type): None necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors. Ventilation: For salon or home use, always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust acceptable. Protective Gloves: None necessary when product is used as directed. Eye Protection: None necessary when product is used as directed. Always avoid contact with eyes. Work/Hygienic Practices: Normal safe working practices

GHC Theory Styling Spray

PAGE 3 of 3

The information contained herein is based on the data available to us and is believed to be correct to the best of our ability. However, Chicago Aerosol, LLC makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from the intentional or nonintentional misuse of this product. MSDS7.labdoc

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## **GHC Theory Styling Spray**

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Section I: <u>General Information</u>		
Chicago Aerosol, LLC 1300 North Street Coal City, Illinois 60416	Emergency Phone: Information Phone:	CHEMTREC (800) 424-9300 (815) 634-5100
coar city, irrinors outio	Date Prepared: File:	12/29/08
roduct is predominantly an alcoholic solution of alogenated hydrocarbon propellants.	a hair fixative resin expe	lled by
MFC Classification: *Toilet Preparations, N.O RVNX, Class 70	.I., In Boxes, NMFC Item 60	000,
NFPA Class II Aerosols		
Section II: <u>Hazardous Ingredients/Identity Infor</u>	mation	
Hazardous Components (Specific Chemical Identi		%
SD Alcohol (Comprised of)	HA PEL ACGIH TLV	< 55.0
(Ethyl Alcohol CAS# 64-17-5 (*T-butyl Alcohol CAS# 75-65-0	1000 ppm 100 ppm	99.7) 0.1)
2-Amino-2-Methyl-1-propanol CAS# 124-68-5	N/K	< 1.5
Ethane, 1,1-Difluoro CAS# 75-37-6	N/E	< 42.0
* These materials subject to requirements of Sect SARA TITLE III.	ion 311, 312 and/or 313 of	
Hazard Ratings: Health - 1 Fire - 3	Reactivity - 0 Other	- 0
N/K = Not Known $N/E = Not Established$ $N/$	A = Not Applicable)	
Section III: Physical/Chemical Characteristics		
Boiling Point (of conc.): 175F Specific Gravity (of conc.): 0.84 Vapor Pressure of Container (psig @ 70F): 45- (Internal pressure will increase with tempe Vapor Density (AIR=1): N/E Solubility in Water: Complete Appearance and Odor: Concentrate (conc.) is fragranced liquid.	Melting Point: N/A 55 rature.) Evaporation Rate (H20 clear to pale yellow non-v	
Section IV: Fire and Explosion Hazard Data		
Flash Point: 65F T.O.C. * Extinguishing Media: CO2 or dry chemical for Special Fire Fighting Procedures: Addition of rate. Use of NIOSH self-contained b Use water spray to cool fire-expose Unusual Fire and Explosion Hazards: Flammable ignited by distant ignition sources develop sufficient internal pressur	water fog will aid in redu reathing apparatus in conf d containers. vapors may travel along f . Containers exposed to f	ge fires. cing burning ined areas. loor to be ire may
(* For pure ethanol)		
GHC Theory Styling Spray		PAGE 2 of 3
Section V: <u>Reactivity Data</u>		
•	Avoid: Keep away from hea sources.	t or ignition
Incompatibility: Keep concentrate away from s Hazardous Decomposition or Byproducts: Combus of carbon and nitrogen.	strong oxidizing agents.	ides

Hazardous Polymerization: Will not occur. Conditions to avoid: None known when used as directed.

#### Section VI: <u>Health Hazard Data</u>

Route(s) of Entry: Inhalation, eye, skin and ingestion. Health Hazards (Acute and Chronic): Inhalation - irritation of respiratory tract. Eye - irritation; possible damage from large doses. Ingestion irritation of gastro-intestinal tract. Skin - possible irritation from large doses. Carcinogenicity: N/A Signs and Symptoms of Overexposure: Inhalation - irritation of respiratory tract, headache, dizziness, fatigue. Ingestion - irritation of gastrointestinal tract, nausea, diarrhea, vomiting. Eye - irritation or burning sensation. Skin - irritation or reddening. Medical Conditions Generally Aggravated by Exposure: None known when used as directed. Emergency and First Aid Procedures: Inhalation - remove victim to fresh air, obtain medical attention if necessary. Ingestion - call a physician or poison control center, induce vomiting only on the advice of a physician. Eyes - flush with water for fifteen (15) minutes, obtain medical attention if irritation persists.

(NOTE: This product is considered safe when used as directed.)

## Section VII: Precautions for Safe Handling and Use

## Section VIII: Control Measures

Respiratory Protection (Specify Type): None necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors. Ventilation: For salon or home use, always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust acceptable. Protective Gloves: None necessary when product is used as directed. Eye Protection: None necessary when product is used as directed. Always avoid contact with eyes. Work/Hygienic Practices: Normal safe working practices

GHC Theory Styling Spray

PAGE 3 of 3

The information contained herein is based on the data available to us and is believed to be correct to the best of our ability. However, Chicago Aerosol, LLC makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from the intentional or nonintentional misuse of this product. MSDS7.labdoc

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Theory Firm Hair Spray 55%

PAGE 1 of 3

(800) 424-9300

(815) 634-5100

Emergency Phone: CHEMTREC

Date Prepared: 02/27/07

Information Phone:

File:

Section I: General Information Chicago Aerosol, LLC 1300 North Street Coal City, Illinois 60416 Product is predominantly an alcoholic solution of a hair fixative resin expelled by aliphatic and halogenated hydrocarbon propellants.

NMFC Classification: \*Toilet Preparations, N.O.I., In Boxes, NMFC Item 60000, RVNX, Class 70

NFPA Class II Aerosols

## Section II: Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical		ACGIH TLV	%
SD Alcohol (Comprised of) (Ethyl Alcohol CAS# 64-17-5 (*T-butyl Alcohol CAS# 75-65-0 2-Amino-2-Methyl-1-propanol CAS# 124-68		1000 ppm 100 ppm N/K	< 54.0 99.7) 0.1) < 1.0
Ethane, 1,1-Difluoro CAS# 75-37-6		N/E	< 45.0
* These materials subject to requirements of SARA TITLE III.	of Section 311, 312 and	/or 313 of	
Hazard Ratings: Health - 1 Fire - 3	Reactivity - O	Other - O	

N/A = Not Applicable) (N/K = Not KnownN/E = Not Established

Section III: Physical/Chemical Characteristics

Boiling Point (of conc.): 175F Melting Point: N/A Specific Gravity (of conc.): 0.87 Vapor Pressure of Container (psig @ 70F): 45-55 (Internal pressure will increase with temperature.) Vapor Density (AIR=1): N/E Evaporation Rate (H20=1): > 1Solubility in Water: Complete Concentrate (conc.) is clear to pale yellow non-viscous Appearance and Odor: fragranced liquid.

Section IV: Fire and Explosion Hazard Data

65F T.O.C. \* Flash Point: Flammable Limits: LEL 3.3\* UEL 19\* Extinguishing Media: CO2 or dry chemical for small fires. Foam for large fires. Special Fire Fighting Procedures: Addition of water fog will aid in reducing burning rate. Use of NIOSH self-contained breathing apparatus in confined areas. Use water spray to cool fire-exposed containers. Unusual Fire and Explosion Hazards: Flammable vapors may travel along floor to be ignited by distant ignition sources. Containers exposed to fire may develop sufficient internal pressure to rupture with explosive force.

(\* For pure ethanol)

# Section V: <u>Reactivity Data</u> Stability: Stable Conditions to Avoid: Keep away from heat or ignition sources. Incompatibility: Keep concentrate away from strong oxidizing agents. Hazardous Decomposition or Byproducts: Combustion of liquid may form oxides of carbon and nitrogen. Hazardous Polymerization: Will not occur. Conditions to avoid: None known when used as directed. Section VI: Health Hazard Data Route(s) of Entry: Inhalation, eye, skin and ingestion. Health Hazards (Acute and Chronic): Health Hazard Data Eye - irritation; possible damage from large doses. Index of gastro-intestinal tract. Skin - possible irritation from large doses.

Carcinogenicity: N/A

Signs and Symptoms of Overexposure: Inhalation – irritation of respiratory tract, headache, dizziness, fatigue. Ingestion – irritation of gastrointestinal tract, nausea, diarrhea, vomiting. Eye – irritation or burning sensation. Skin – irritation or reddening. Medical Conditions Generally Aggravated by Exposure: None known when used as directed. Emergency and First Aid Procedures: Inhalation – remove victim to fresh air, obtain medical attention if necessary. Ingestion – call a physician or poison control center, induce vomiting only on the advice of a physician. Eyes – flush with water for fifteen (15) minutes, obtain medical attention if irritation persists.

(NOTE: This product is considered safe when used as directed.)

Section VII: Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Eliminate all ignition sources (vapor flammable). Ventilate area. At area where vapors may collect, wear SCBA breathing apparatus. Small spills should be flushed with large amounts of water. Large spills should be absorbed on non-
flammable absorbent material for disposal. A release of 500 pounds or
more may trigger the reporting requirements of CERCLA Section 103.
Waste Disposal Method(s): Incineration of liquid, incineration or landfill of
contaminated absorbent in accordance with local, state or federal
regulations. Contact local authorities for proper disposal method.
Precautions to be Taken in Handling and Storing: Product should be kept in cool,
dry environment. Keep product away from ignition sources.
Other Precautions: KEEP OUT OF REACH OF CHILDREN.
DO NOT PUNCTURE OR ATTEMPT TO OPEN PRESSURIZED
CONTAINER UNDER ANY CIRCUMSTANCES.
DISPOSE OF CONTAINER PROPERLY.
USE ONLY AS DIRECTED.

## Section VIII: Control Measures

Respiratory Protection (Specify Type): None necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors. Ventilation: For salon or home use, always provide adequate ventilation. Local exhaust preferred. Mechanical exhaust acceptable. Protective Gloves: None necessary when product is used as directed. Eye Protection: None necessary when product is used as directed. Always avoid contact with eyes. Work/Hygienic Practices: Normal safe working practices. The information contained herein is based on the data available to us and is believed to be correct to the best of our ability. However, Chicago Aerosol, LLC makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from the intentional or nonintentional misuse of this product.

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NAME OF PRODUCT Date : 3/12/13 SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### PRODUCT NAME: Dry Shampoo

MANUFACTURER: Chicago Aerosol ADDRESS: 1300 North St Coal City,IL 60416

EMERGENCY PHONE: 1-866-634-5100 CHEMTREC PHONE: 1-800-424-9300 OTHER CALLS: FAX PHONE:

SECTION 1 NOTES:

#### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO.	% WT
Ethyl Alcohol	64-17-5	< 25.0
Propane	74-98-6	< 10.0
Butane	106-97-8	< 45.0

### SECTION 2 NOTES:

#### SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW: Flammable Aerosol** 

ROUTES OF ENTRY: May be harmful if swallowed or inhaled

POTENTIAL HEALTH EFFECTS EYES: Irritating to eyes

SKIN: May cause irritation

INGESTION: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea,vomiting and diarrhea. May cause central nervous system depression.

INHALATION: May be harmful if inhaled. Inhalation of vapors in high concentration may cause irritation of the respiratory system. May cause drowsiness and dizziness.

#### ACUTE HEALTH HAZARDS:

CHRONIC HEALTH HAZARDS: May cause adverse liver effects. May cause adverse effects to the bone marrow and bloodforming system.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Central nervous system. Pre-existing eye disorders. Blood disorders. Liver disorders.Respiratory disorders

CARCINOGENICITY OSHA: OTHER:	ACGIH:	NTP:	IARC:	
SECTION 3 NOTES:				

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

SKIN: In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Wash skin with soap and water. In the case of skin irritation or allergic reactions, consult a physician

INGESTION: Call a physician or Poison Contro Center immediately. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person.

INHALATION: Move victim to fresh air. Administer oxygen if breathing is difficult. Apply artificial respiration if victim is not breathing. If symptoms persist, call a physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Keep victim warm and quiet

SECTION 4 NOTES:

#### SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE Properties: Containers may explode when heated

FLASH POINT: F: 65 degrees F C: 18.3 degrees C METHOD USED: Open Cup ( For pure ethanol)

NFPA HAZARD CLASSIFICATION HEALTH: 1 FLAMMABILITY: 3 OTHER: Physical and Chemical Hazzard

HMIS HAZARD CLASSIFICATION HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0 PROTECTION: Personal Protection

EXTINGUISHING MEDIA: CO2 or dry chemical for small fires. Foam for large fires

SPECIAL FIRE FIGHTING PROCEDURES: Addition of water fog will aid in reducing burning rate. Use NIOSH self-contained breathing appartatus in confined areas

**REACTIVITY: 0** 

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flamable vapors may travel along the floor to be ignited by distant ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion of liquid may form oxides of carbon and nitrogen

SECTION 5 NOTES:

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Eliminate all ignition sources. Ventilate area. Small spills should be flushed with large amounts of water. Large spills should be absorbed on non flammable absorbant material for disposal.

SECTION 6 NOTES:

#### SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Contents under pressure Keep away from heat and sources of ignition. Keep out of reach of children.

OTHER PRECAUTIONS:

NAME OF PRODUCT **SECTION 7 NOTES**:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION VENTILATION : For salon or home use, always provide adequate ventilation. RESPIRATORY PROTECTION: none necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors. EYE PROTECTION: None necessary when product is used as directed. SKIN PROTECTION: None necessary when product is used as directed. OTHER PROTECTIVE CLOTHING OR EQUIPMENT: WORK HYGIENIC PRACTICES: Normal safe working practices **EXPOSURE GUIDELINES:** SECTION 8 NOTES: SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES APPEARANCE: milky white liquid **ODOR:** fragrance PHYSICAL STATE: pH AS SUPPLIED: pH (Other): **BOILING POINT: of concentrate** F: 175 C: **MELTING POINT: NA F**: C: Flash Point: 65 degrees F **F**: C: VAPOR PRESSURE (mmHg): 55-65 psig @ F: 70 degrees C: VAPOR DENSITY (AIR = 1): N/E @ F: C: SPECIFIC GRAVITY (H2O = 1):0.81 @ F: 70

C: EVAPORATION RATE: > 1

BASIS (=1):

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: slightly soluble

PERCENT SOLIDS BY WEIGHT: No information available

F: C: VOLATILE ORGANIC COMPOUNDS (VOC):

NAME OF PRODUCT

SECTION 9 NOTES:

SECTION 10: STABILITY AND	REACTIVITY	
	STABLE	UNSTABLE
STABILITY: Stable under reco	ommended storage conditions	
CONDITIONS TO AVOID (STA	BILITY): Heat, Flames, sparks	
INCOMPATIBILITY (MATERIA	L TO AVOID): Strong Oxidizing Ag	ents
HAZARDOUS DECOMPOSITIO	ON OR BY-PRODUCTS: Carbon Oxi	des, Nitrogen Oxides
HAZARDOUS POLYMERIZAT	ION: None under normal processin	g
CONDITIONS TO AVOID (POL	YMERIZATION):	
SECTION 10 NOTES:		
SECTION 11: TOXICOLOGIC	AL INFORMATION	
TOXICOLOGICAL INFORMAT	ION: May be harmful if swallowed.	May be harmful if inhaled
SECTION 11 NOTES:		
SECTION 12: ECOLOGICAL I	NFORMATION	
ECOLOGICAL INFORMATION	: N/E	
SECTION 12 NOTES:		
SECTION 13: DISPOSAL CO	NSIDERATIONS	
WASTE DISPOSAL METHOD:	This material as supplied, is a haz	ardous waste according to federal regulations ( 40 CFR 261)
RCRA HAZARD CLASS: 2.1		

## SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES:

## SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION PROPER SHIPPING NAME: Consumer Commodity HAZARD CLASS: ORM-D ID NUMBER: UN 1950 PACKING GROUP: II LABEL STATEMENT:

### **MATERIAL SAFETY DATA SHEET**

NAME OF PRODUCT WATER TRANSPORTATION

PROPER SHIPPING NAME: Aerosols HAZARD CLASS: 2.1 ID NUMBER: PACKING GROUP: LABEL STATEMENTS: UN 1950, Aerosols

AIR TRANSPORTATION PROPER SHIPPING NAME: Aerosols, flamable HAZARD CLASS: 2.1 ID NUMBER: PACKING GROUP: II LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

#### SECTION 15: REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS TSCA (TOXIC SUBSTANCE CONTROL ACT): Exempt

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: acute health hazard, cronic health hazard, fire hazard, sudden release of pressure hazzard

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

#### SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

**PREPARATION INFORMATION:** 

DISCLAIMER: The information contained herein is based on the data available to us ands is believed to be correct to the best of our ability. However Chicago Aerosol makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from intentional or nonintentional misuse of this product.

### MATERIAL SAFETY DATA SHEET

<u>Manufactured by:</u> Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Distributed by: GHC Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: (306) 281-4388

Revise	ed: 02/09						
<u>I.</u>	PRODUCT INFORM	IATION					Page 1
PROI	DUCT NAME: Surfa	ce Hair One S	Sho	t Repair			
CHEN	MICAL NAME: N/A						
CAS	NUMBER: N/A						
CHEN	MICAL FAMILY: N/A						
CHEN	MICAL FORMULA: N	/A					
II.	SUMMARY OF HAZARDS						
No kn	own hazards.						
III.	I. HAZARDOUS COMPONENTS						
	EXPOSURE LIMITS						
	NAME	CAS NO.	%	<u>PEL</u>	<u>TLV</u>	<u>OTHE</u>	<u>R</u>
IV.	CHEMICAL AND P	HYSICAL PI	ROI	PERTIES			
BOIL	ING POINT: 212° F			FLASH POINT	: N/A		
MELTING POINT: N/A VAPOR DENSITY: N/A							
SOL. IN WATER: Complete			SPECIFIC GRA	VITY: 0.990 - 1	.010 @ 22° C		
pH: 6.75-7.25 @ 22° C EVAPORATION RATE: N/A							
APPE	ARANCE/ODOR: Thi	n liquid, milk	y w	hite in color, plea	asant fragrance		

### V. HEALTH HAZARD DATA & FIRST AID PROCEDURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

CHEMICAL NAME

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

**RESPIRATORY PROTECTION:** None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

STABILITY: Normally stable.

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUSPOLYMERIZATION: N/A

### IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate waste container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

### X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at address or phone number listed on page one.

#### DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

### MATERIAL SAFETY DATA SHEET GHC Systems #2-501 Cartwright St. Saskatoon, SK S7T 1E1 Non-Emergency (306) 242-0495 EMERGENCY: (306) 978-7458

Created: 2-2010

### I. PRODUCT INFORMATION

Page 1

PRODUCT NAME: Surface Trinity Protein Cream

#### II. HAZARDS IDENTIFICATION

Primary route of exposure :. Skin and eyes contact. Symptoms relating to use

-- Skin contact : Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.

- Eye contact : Redness, pain. Blurred vision. Burning sensation.

- **Ingestion** : Abdominal pain, nausea.

#### III. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Preparation :			Preparation.		
Components :			This product is hazardous.		
Substance name Blend of Fatty Alcohols	Contents	CAS No	EC No	Annex No	Classification

### IV. FIRST AID MEASURES

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are

held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

**INGESTION**: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

**OTHER HEALTH EFFECTS: N/A** 

#### V. FIRE FIGHTING MEASURES

**PYROPHORIC**: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

**EXTINGUISHING MEDIA**: Will not support combustion

**FIRE FIGHTING INSTRUCTIONS:** Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

#### VI. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.

#### VII. .HANDLING AND STORAGE

Stable under normal conditions.

#### VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

**EYE PROTECTION:** None required under normal use

**PROTECTIVE GLOVES**: None required under normal use

**RESPIRATORY PROTECTION**: None required under normal use

**OTHER PROTECTION:** None required under normal use

VENTILATION: None required under normal use

#### IX PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 220° FFLASH POINT: N/AMELTING POINT: N/AVAPOR DENSITY: N/ASOL. IN WATER: CompleteSPECIFIC GRAVITY: 0.980 - 1.000 @ 22° CpH: 3-7EVAPORATION RATE: N/A

APPEARANCE/ODOR: Thick liquid to paste, white in color,

STABILITY: Normally stable

#### **INCOMPATIBILITY:** N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUS POLYMERIZATION: N/A

XI TOXICOLOGICAL INFORMATION

None available

XII ECOLOGICAL INFORMATION

Ecological effects information : No data available..

#### XIII DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

#### XIV\_TRANSPORT INFORMATION\_

General Shipping. No known Hazards

#### XIV REGULATORY INFORMATION\_

General No known Hazards

#### XVI OTHER INFORMATION.

### DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

Surface Smoothing Cream

### MATERIAL SAFETY DATA SHEET

<u>Manufactured by:</u> Marianna Industries, Inc. 11222 "I" Street Omaha, Nebraska 68137-1296 Distributed by: GHC Systems 2-501 Cartwright St Saskatoon SK S7T 1E1 Non-Emergency (306) 978-7458 EMERGENCY: (306) 281-4388

Revised: 02/09					
I. PRODUCT INFORMATIO	DN			Page 1	
PRODUCT NAME: Surface Ha	ir Protein Repai	r Tonic			
CHEMICAL NAME: N/A					
CAS NUMBER: N/A					
CHEMICAL FAMILY: N/A					
CHEMICAL FORMULA: N/A					
II. SUMMARY OF HAZARI	. SUMMARY OF HAZARDS				
No known hazards.					
III. HAZARDOUS COMPON	ENTS				
<u>NAME</u> <u>CA</u>	<u>S NO. %</u>	EXPO <u>PEL</u>	SURE LIMITS <u>TLV</u>	<u>OTHER</u>	
IV. CHEMICAL AND PHYSI	CAL PROPER	ΓIES			
BOILING POINT: 212° F	FL	ASH POINT: 1	N/A		
MELTING POINT: N/A	VA	POR DENSIT	Y: N/A		
SOL. IN WATER: Complete	SPI	ECIFIC GRAV	/ITY: 0.990 - 1.0	10 @ 22° C	
рН: 6.75-7.25 @ 22° С	EV	APORATION	RATE: N/A		
APPEARANCE/ODOR: Thin liqu	id, milky white	in color, pleas	ant fragrance		

# CHEMICAL NAMETOXICITY DATALD50LC50

EYE CONTACT: Wash affected eye or eyes under slow running water for 15 minutes or longer, making sure the eyelids are held apart. If irritation should continue, consult a physician.

SKIN CONTACT: Wash affected area with plenty of water for several minutes. Seek medical attention if irritation persists.

INHALATION: N/A

INGESTION: If swallowed, consult a physician.

CHRONIC EFFECTS OF EXPOSURE: N/A

OTHER HEALTH EFFECTS: N/A

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: None required under normal use

PROTECTIVE GLOVES: None required under normal use

RESPIRATORY PROTECTION: None required under normal use

OTHER PROTECTION: None required under normal use

VENTILATION: None required under normal use

PERSONAL HYGIENE/WORK PRACTICES:

VII. FIRE AND EXPLOSION HAZARD DATA

PYROPHORIC: Product is not self-igniting when exposed to normal atmospheric conditions.

FLASH POINT (METHOD USED): N/A (water solution)

FLAMMABLE LIMITS LOWER: UPPER:

EXTINGUISHING MEDIA: Will not support combustion

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

STABILITY: Normally stable.

INCOMPATIBILITY: N/A

HAZARDOUS PRODUCTS OF COMPOSITION: N/A

HAZARDOUSPOLYMERIZATION: N/A

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Absorb spills with inert material and place into a separate waste container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations

### X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USE

N/A

XI. SHIPPING INFORMATION

N/A

XII. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at address or phone number listed on page one.

### DISCLAIMER

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond this company's control, it is the users responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g. DOT, EPA and FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

Surface Hair Protein Repair Tonic

# SAFETY DATA SHEET

**Issuing Date** 05OCT18

Revision Date 050CT18

Revision Number 1



1. IDENTIFICATION				
Product identifier				
Product Name on Label	GHC TRINITY STRENGTH CONDITIONER 2018			
Other means of identification				
Product Code(s)	(WERCS ID, if applicable) (BULK #303094) (FG # 64126 )			
Recommended use of the chemi	cal and restrictions on use			
Recommended Use	Hair Shampoo			
Restrictions on use	No information available			
Details of the supplier of the saf	ety data sheet			
Supplier Identification	Marianna Beauty (a.k.a. Marianna Industries)			
Address	11222 I Street Omaha NE 68137 USA			
Telephone	Phone:4025930211 Fax:4025930614			
E-mail	sds@mariannabeauty.com			
Emergency telephone number				



#### Company Emergency Phone Number 4025930211

### 2. HAZARDS IDENTIFICATION

#### Classification

NOT HAZAROUS	NONE

**Appearance Light Yellow** 

Physical state Semi solid

Odor Pleasant

#### GHS Label elements, including precautionary statements

Signal Word: none

Hazard statements none

Precautionary Statements - Prevention none Precautionary Statements - Response none

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal none

#### Other information

Unknown Acute Toxicity: No information Available

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Substance

Not applicable

#### Mixture

Not Hazardous

Chemical name	CAS-No	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
			registry #)	
	-		-	-



### **4. FIRST AID MEASURES**

First aid measures	
General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	If swallowed, consult a physician.
Self-protection of the first aider	No information available.

Most important symptoms and effects, both acute and delayed

### Potential acute health effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	May be fatal if swallowed and enters airways.

### Over-exposure signs/symptoms

Eye Contact:	No specific data
Inhalation:	No specific data
Skin Contact:	No specific data
Ingestion:	No specific data

Indication of any immediate medical attention and special treatment needed Note to physicians

Treat symptomatically.



### **5. FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	None known.
Hazardous Combustion Products	None known.
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	No information available. No information available.
Special protective equipment for fire- fighters	No information available.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.		
Methods and material for containment and cleaning up			
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.		
Methods for cleaning up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.		

### 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Put on appropriate personal protective equipment. Do not swallow. Avoid contact with eyes, skin and clothing. Workers should wash hands and face before eating, drinking and smoking.

#### Conditions for safe storage, including any incompatibilities

**Storage Conditions** 

Store in accordance with local regulations. Store locked up. Keep out of the reach of children.



### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters				
Exposure Limits	No information			
A				
Appropriate engineering controls				
Engineering controls	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.			
Individual protection measures, such as	s personal protective equipment			
Eye/face protection	Tight sealing safety goggles.			
Hand protection	None required under normal use.			
Skin and body protection	None required under normal use.			
Respiratory protection	None required under normal use.			
General hygiene considerations	None required under normal use.			

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties Physical state	Liquid	
Appearance	Pearly White	
Odor	Pleasant	
Color	White	
Odor Threshold	Pleasant	
Property	Values	Remarks Method
pH	4.35-5.35	
Melting / freezing point	No data available	None known
Boiling point / boiling range	100 °C / 212 °F	
Flash Point	No data available	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	0.975-1.000	
Water Solubility	Soluble in water	



Solubility(ies)	No data available	None known	
Partition coefficient: n-octanol/	waternot applicable		
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Viscosity	99,000-175,000	Spindle F RPM 3 (LVT)	
Other Information			
Explosive properties			No
Oxidizing properties	No information available		
Softening Point	No information available		
Molecular Weight	No information available		
VOC Content (%)	No information available		
Liquid Density	No information available		
Bulk Density	No information available		
Particle Size	No information available		
Particle Size Distribution	No information available		
	No information available		

Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not occur. Hazardous polymerization does not occur.	
Conditions to avoid		
Incompatible materials	None known based on information supplied.	
incompanyo materiale		
Hazardous Decomposition Products	Carbon oxides. Carbon oxides.	

### **11. TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

**Product Information** 

Specific test data for the substance or mixture is not available. **Eye contact** Specific test data for the substance or mixture is not available. **Skin contact** Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. **Ingestion** 



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Specific test data for the substance or mixture is not available.

#### Information on toxicological effects

Symptoms

Numerical measures of toxicity

Acute Toxicity

Component Information				
Chemical name				Oral
		Dermal LD50	Inhalation LC50	
Delayed and immediate effects as well as chronic effects from short and long- term exposure Skin corrosion/irritation			-	 No i
Serious eye damage/eye irritation	No information available.			
Respiratory or skin sensitization	May cause sensitization b	y skin contact.		
Germ cell mutagenicity	No information available.			
Carcinogenicity	No information available.			
Reproductive toxicity STOT - single exposure STOT - repeated exposure	No information available. No information available. No information available.			
Aspiration hazard	No information available.			

### **12. ECOLOGICAL INFORMATION**

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and Degradability	No information available. No information available.



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#### Bioaccumulation

There is no data for this product.

Mobility

Other adverse effects

No information available. No information available.

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No information available.

### **13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

Waste from residues/unused products

**Contaminated packaging** 

Do not reuse empty containers.

### **14. TRANSPORT INFORMATION**

DOT Hazard Class	NOT REGULATED Proper Shipping Name NON-REGULATED
TDG_	N/A Not regulated
MEX	Not regulated
ICAO	Not regulated
	Not regulated
	Dropor Shipping Namo
Hazard Class	Proper Shipping Name NON-REGULATED
Hazard Class	



Page 8 / 11

ADR

Not regulated

ADN

Not regulated Not regulated

### **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

#### International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

	Acute Health Hazard	
Chronic Health Hazard		No
Fire Hazard		No
Sudden release of pressure hazard		No
Reactive Hazard		No



#### Reactive Hazard CWA (Clean Water Act)

No

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### <u>CERCLA</u>

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

### **16. OTHER INFORMATION**

#### **Revision Note**

No i

Disclaimer

No information available

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal



and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### End of Safety Data Sheet



# SAFETY DATA SHEET

**Issuing Date** 05OCT18

Revision Date 050CT18

Revision Number 1



1. IDENTIFICATION		
Product identifier		
Product Name on Label	GHC TRINITY STRENGTH SHAMPOO 2018	
Other means of identification		
Product Code(s)	(WERCS ID, if applicable) (BULK #303095) (FG #63085)	
Recommended use of the chemical and	d restrictions on use	
Recommended Use	Hair Shampoo	
Restrictions on use	No information available	
Details of the supplier of the safety data sheet		
Supplier Identification	Marianna Beauty (a.k.a. Marianna Industries)	
Address	11222 I Street Omaha NE 68137 USA	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	sds@mariannabeauty.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	



### 2. HAZARDS IDENTIFICATION

#### **Classification**

NOT HAZAROUS	NONE

 Appearance
 Pearly White
 Physical state
 Liquid

Odor Pleasant

#### GHS Label elements, including precautionary statements

Signal Word: none

Hazard statements none

Precautionary Statements - Prevention none Precautionary Statements - Response none

#### Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal none

#### Other information

Unknown Acute Toxicity: No information Available

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### Substance

Not applicable

#### Mixture

Not Hazardous

	Chemical name	CAS-No	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
ĺ		-		-	-



### **4. FIRST AID MEASURES**

First aid measures	
General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	If swallowed, consult a physician.
Self-protection of the first aider	No information available.

Most important symptoms and effects, both acute and delayed

### Potential acute health effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	May be fatal if swallowed and enters airways.

#### **Over-exposure signs/symptoms**

Eye Contact:	No specific data
Inhalation:	No specific data
Skin Contact:	No specific data
Ingestion:	No specific data

Indication of any immediate medical attention and special treatment needed Note to physicians

Treat symptomatically.



	5. FIRE-FIGHTING MEASURES
Suitable Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	None known.
Hazardous Combustion Products	None known.
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	No information available. No information available.
Special protective equipment for fire- fighters	No information available.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Methods and material for containment	and cleaning up
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.
Methods for cleaning up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Advice on safe handling

Put on appropriate personal protective equipment. Do not swallow. Avoid contact with eyes, skin and clothing. Workers should wash hands and face before eating, drinking and smoking.

#### Conditions for safe storage, including any incompatibilities

**Storage Conditions** 

Store in accordance with local regulations. Store locked up. Keep out of the reach of children.



### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters		
Exposure Limits	No information	
Appropriate engineering controls		
Engineering controls	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	Tight sealing safety goggles.	
Hand protection	None required under normal use.	
Skin and body protection	None required under normal use.	
Respiratory protection	None required under normal use.	
General hygiene considerations	None required under normal use.	

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties Physical state Appearance Odor Color Odor Threshold	Liquid Pearly White Pleasant White Pleasant	
Property	Values	Remarks Method
pH	4.75-5.75	Remarks Method
Melting / freezing point	No data available	None known
Boiling point / boiling range	100 °C / 212 °F	
Flash Point	No data available	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.000-1.025	
Water Solubility	Soluble in water	
Solubility(ies)	No data available	None known



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Partition coefficient: n-octanol/wat Autoignition temperature Decomposition temperature Viscosity	ternot applicable No data available No data available 9,000-31,000	None known None known Spindle F RPM 6 (LVT)	
Other Information Explosive properties			I
Oxidizing properties Softening Point Molecular Weight VOC Content (%) Liquid Density Bulk Density Particle Size Particle Size Distribution	No information available No information available		
<b>10. STABILITY AND REAC</b>	TIVITY		

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur. Hazardous polymerization does not occur.
Conditions to avoid	
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides. Carbon oxides.

### **11. TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

**Product Information** 

Specific test data for the substance or mixture is not available. **Eye contact** Specific test data for the substance or mixture is not available. **Skin contact** Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. **Ingestion** Specific test data for the substance or mixture is not available.



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### Information on toxicological effects

Symptoms

#### Numerical measures of toxicity

Acute Toxicity

Component Information Chemical name				Oral
		Dermal LD50	Inhalation LC50	
Delayed and immediate effects as well as chronic effects from short and long- term exposure Skin corrosion/irritation			-	No i
Serious eye damage/eye irritation	No information available.			
Respiratory or skin sensitization	May cause sensitization b	y skin contact.		
Germ cell mutagenicity	No information available.			
Carcinogenicity	No information available.			
Reproductive toxicity STOT - single exposure	No information available. No information available.			
STOT - repeated exposure	No information available.			
Aspiration hazard	No information available.			

### **12. ECOLOGICAL INFORMATION**

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and Degradability	No information available. No information available.



#### Bioaccumulation

There is no data for this product.

Mobility

Other adverse effects

No information available. No information available.

No information available.

### **13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

Waste from residues/unused products

**Contaminated packaging** 

Do not reuse empty containers.

### **14. TRANSPORT INFORMATION**

DOT	NOT REGULATED Proper Shipping Name
Hazard Class	NON-REGULATED N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA	Not regulated
	Proper Shinning Name
Hazard Class	Proper Shipping Name NON-REGULATED
Hazard Class	



Page 8 / 11

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Disp envi ADR

Not regulated

ADN

Not regulated Not regulated

### **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

#### International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

	Acute Health Hazard	
Chronic Health Hazard		No
Fire Hazard		No
Sudden release of pressure hazard		No
Reactive Hazard		No



#### Reactive Hazard CWA (Clean Water Act)

No

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### <u>CERCLA</u>

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

### **16. OTHER INFORMATION**

#### **Revision Note**

No i

Disclaimer

No information available

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal



and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### End of Safety Data Sheet



HAIR SYSTEMS INC.

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## SAFETY DATA SHEET

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Prep	ared to OSHA, ACC, ANSI, M	NOHSC, WHMIS,	GHS & EU Sta	ndards		s	DS Revis	ion: 1.0		SDS	S Revis	ion Dat	e: 8/18/2015
. <u></u>	Description Manage	····		CT & CON		Y IDEN	I IFIC/	ATIC	<u>N</u>		<u> </u>		
1.1	Product Name:	SURFAC	CE CLEA	R LIGHTE	ENER					_			
1.2	Chemical Name:	Persulfate B	lend Hair Blea	ch									
1.3	Synonyms:	SURFACE C	LEAR LIGHT	ENER									
1.4	Trade Names:	SURFACE C	LEAR LIGHT	ENER									·
1.5	Product Uses & Restrictions:		Cosmetic Use	e Only									
1.6	Distributor's Name:	Hair Systems											· · · · · · · · · · · · · · · · · · ·
1.7	Distributor's Address:			wn, NJ 07726 l									<u> </u>
<sup></sup>	Emergency Phone:	CHEMTRI	EC: +1 (703	8) 527-3887	<u>/ +1 (80</u>	0) 424-9	<u>300 (C</u>	<u>CN 1</u>	0069				
1.9	Business Phone / Fax:	+1 (732) 446	-2202 / +1 (7	32) 446-7968				· ·					
	·····		2 H	AZARDS	IDEN.	TIFICAT							······································
2.1	Hazard Identification;	This product		as a hazardou				ous ac	ods a	ccordi	na to '	the 1	
-				HSC: 1008 (20					a		.9.00		
		DANGER!	MAY INTENS	IFY FIRE; OX	DIZER.	HARMFUL	IF SWA	LLOW					
	· · ·			USE AN ALLI									
				AUSE ALLER					5 OR	BRE	ATHIN	NG	
				blid – Category					n Irrita	tion –	Cateor		
				ry 2A; Respira									
				Organ Toxicity (									~
				272 – May inter									/sk/
				17 – May caus									< 199 >
			respiratory irr	se allergy or as	sinma syn	nptoms or t	preatning	αιπιου	ities it	innaie	а. нз	35	$\nabla \Psi /$
				(P): P210 - Kee	ep away f	rom heat/sr	oarks/ope	en flan	ies/ho	t surfa	ces –	No	
		smoking. P	220 - Keep/S	tore away from	n clothing	g/cotton/cor	nbustible	e mate	rials.	P261	- Avo	oid	À
				64 - Wash han									
				P270 - Do not e									$\langle \mathcal{A} \mathcal{A} \rangle$
				l-ventilated are kplace. P28									
i				P284 - If ner									V V
		SWALLOWE	D: Call a POI	SON CENTER	or docto	r/physician	if you fe	el unw	rell. P	302+P	°352 -	IF	$\wedge$
				and water. P3									
		keep at rest	in a position	comfortable fo	or breath	ing. P305	+P351+F	-338	IF IN	EYE	S: Rin	se	$\langle \downarrow \rangle$
				everal minutes all a POISON									
				ction 4 of the S									$\sim$
		mouth. P332	2+P313 - If sk	in irritation occ	urs: Get	medical ad	vice/atte	ntion.	P333-	P313	- If sk	kin	
		irritation or a	rash occurs:	Get medical ad	vice/atter	tion. P337	+P313 -	If eye	irritati	on per	sists g	let	
				P342+P311 -									
				an. P362+P30 ase of fire: Use									
		extinction. P	403+P233 - S	Store in a well	ventilated	I place. Kee	ep conta	iner tio	ahtly c	losed.	P405	5 -	
		Store locked	up. P501 - D	ispose of conte	ents/conta	ainer to lice	nsed trea	atment	, stora	ge or	dispos	al	
		facility (TSDF	).										
	•	2 00			יחחי								· · · · · · · · · · · · · · · · · · ·
	· · · · · · · · · · · · · · · · · · ·	<u> </u>		<u>ION &amp; INC</u>	JKED		ruki			IMITS IN	N AIR (m	1a/m <sup>3</sup> )	
						ACGIH		NOHSC			OSHA		1
					1	ppm		ppm			ppm		]
НЕМІС	AL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV STE	ES-	ES- STEL	ES- PEAK	PEL	STEL	IDLH	OTHER
		7727-21-1	SE0400000	231-781-8	40-60	(0.1) NA	A NF	NE	NFU	NA	<b>NA</b>	<b>NA</b>	CONSISTER STATE
OTAS	SIUM PERSULFATE	Ox Sol. 3; Act		Irrit. 2; Eye Irrit. 2	A, Resp. S	ens. 1; Skin	Sens. 1; S	STOT S	E 3; H2	72, H3	02, H31	15, H31	7, H319, H334,
		H335						2. S. A		8384	ANN STR	e izosse	
JDIU	M METASILICATE	6834-92-0 Acute Tox 4: 8		229-912-9 erious Eye Dam.	1-10 1' STOT S	NA NA NA	NF	<u>  NF</u>	<u>I_NF</u>	<u>I NA</u>	<u>NA</u>	<u>  NA</u>	
יי יוחר	M SILICATE	1344-09-8	NA	215-687-4	10-20	NA NA		NF	NF	NA	NA NA	NA	
				Dam. 1; H302, H	315, H318								•
	NETADY DIEND	NA	NA	NA	1-10	NA NA	A I NF	NF	NF	I NA	I NA	I NA	

SODIUM PERSULFATE

1-10 NA NA NF NF NF NA NA NA

NA

NA

PROPRIETARY BLEND

NA

	AIR SYSTEMS INC.	SAFETY DATA SHE	EET	Page 2 of 7
Prep	pared to OSHA, ACC, ANSI, N	IOHSC, WHMIS, GHS & EU Standards SDS Revis	ion: 1.0 SDS Revision D	Date: 8/18/2015
4.1	First Aid:	4. FIRST AID MEASURES	tor or milk If the nationt is a	comiting continue to
7.1		Ingestion:       If ingested, do not induce vomiting. Drink plenty of wa offer plenty of water or milk. Never give water or milk ingested, contact the nearest Poison Control Center or the time and amount of the substance that was swallowe         Eves:       If product is in the eyes, flush with copious amounts o lenses if present and easy to do, continue flushing. irrigation. If problem persists, consult a physician.	to an unconscious person. If local emergency number. Pr ed. Get medical attention imm f water for at least 15 minute	f large quantities are ovide an estimate of ediately. es. Remove contact
		Skin:         If redness, dryness or other signs of irritation to the skin affected skin areas with plenty of warm water and soap.           Inhalation:         Give oxygen as necessary and get medical attention.	develop, remove contaminate If irritation persists, consult a	ed clothing and wash physician.
4.2	Effects of Exposure:	Ingestion: May cause irritation in mouth and throat. Swallowing n	nav cause evolution of oxyge	n which may cause
2		injury by distention of the esophagus or stomach. May ca <u>Eyes:</u> May cause irritation, redness, stinging and tearing. Wh the resulting mixture may cause severe eye irritation and <u>Skin:</u> May be irritating to skin, especially after prolonged conta (e.g., rashes, welts, dermatitis) upon prolonged or repeat <u>Inhalation:</u> Prolonged exposure may cause irritation in nose and the	ause nausea, vomiting and dia en bleach is mixed with pero l possible eye injury. act. The product can cause a ted exposure.	urrhea. xides or developers, llergic skin reactions
		breathing.		
4.3	Symptoms of Overexposure:	Symptoms of skin overexposure may include redness, itching, and ir may cause redness, itching and watering. The product can cause alle upon prolonged or repeated exposure.	ritation of affected areas. Or rgic skin reactions (e.g., rash	verexposure in eyes es, welts, dermatitis)
4.4	Acute Health Effects:	Moderate irritation to skin near affected areas. This product causes se	rious eye irritation.	
4.5	Chronic Health Effects:	The material may accentuate any pre-existing dermatitis condition.		<u></u>
4.6	Target Organs:	Eyes, skin & respiratory system.		
4.7	Medical Conditions Aggravated by Exposure:	Acute health hazards may be delayed. Most common symptoms include irritating properties to eyes, respiratory system and skin. Existing dermatological conditions (such as eczema) and respiratory conditions (such as bronchial asthma and/or bronchitis) may be aggravated.	HEALTH FLAMMABILITY PHYSICAL HAZARDS PROTECTIVE EQUIPME EYES SKIN	1 1 1 NT B
		5. FIREFIGHTING MEASURES		
5.1	Fire & Explosion Hazards:	DANGER! MAY INTENSIFY FIRE; OXIDIZER. Upon decompositio and may thereby stimulate combustion of flammable and combustible with media appropriate for the burning material. Product contains o product on towels, sponges or mops may cause fire. Rinse towels Rinse sponges and mops thoroughly before storage. Persulfate c undergo decomposition in the presence of moisture and heat. Spr material with large quantities of water. CO <sub>2</sub> , Halon (if permitted), Dry Chemical, Foam, as authorized. Wate Class A or Class B extinguisher should be sufficient for the product. extinguisher should also be appropriate to address the location of the f Flood with water and use water spray to cool fire-exposed containers a	e materials. Extinguish fires xidizing materials. Residual thoroughly before disposal. ompounds may ignite and ay and flood decomposing er and/or foam – typically a However, selection of a fire fire and equipment involved.	
5.3	Firefighting Procedures:	This product is an oxidizer and may intensify fire. As in any fire, we self-contained breathing apparatus (pressure-demand) and full protect cool until well after the fire is out. Use water spray to cool fire-expose personnel. Prevent runoff from fire control or dilution from entering set supply, or any natural waterway. Firefighters must use full bunker gear positive pressure self-contained breathing apparatus to protect as decomposition products. <u>HazChem Code</u> : 2P <u>Hazard Identification Number</u> : 50	ear MSHA/NIOSH approved live gear. Keep containers sed surfaces and to protect wers, drains, drinking water including NIOSH-approved	ox
	Califa	6. ACCIDENTAL RELEASE MEASUR		
6.1	Spills:	Before cleaning any spill or leak, individuals involved in spill clean Equipment. Plastic or rubber gloves, respirator, eye protection and app <u>Small Spills</u> : (e.g., $\leq$ 1.0 lbs (0.45 kg)). Wear appropriate protective equ Use a non-combustible material such as vermiculite or sand to soak u disposal. Do not use water or a material such as "speedy dry" to so sparking materials (e.g., plastic brooms, shovels, dustpans) and plac another container. <u>Large Spills</u> : (e.g., > 1.0 lbs (0.45 kg)) Keep incompatible materials (u upwind and away from spill or release. Isolate immediate hazard are Stop spill or release if it can be done with minimal risk. Wear approp protection as conditions warrant.	ron may be required for clean- uipment including gloves and p the product and place into oak up material. Sweep up ce into a plastic container or e.g., organics such as oil) aw a and keep unauthorized per	-up of large spills. protective eyewear. a container for later material using non- plastic liner within vay from spill. Stay sonnel out of area.

	AIR SYSTEMS INC.	SAF	E1	ГҮ	DAT	A S	HEE	T			Page 3 of 7
		NOHSC, WHMIS, GHS & EU Standa	rds			SDS	Revision: 1	.0	SDS	Revision	Date: 8/18/2015
		······································									
		7. HANDLIN							· · · · · ·		
7.1	Work & Hygiene Practices:	Do not eat, drink or smoke wi combustible materials. Avoid materials covered. Use cherr water.	contar	nination	from any	source, in	ncluding m	etals, d	ust and	organic	materials. Keep bulk
7.2	Storage & Handling:	Keep this material away from local exhaust ventilation, fan away from incompatible subs cap in place when not in use.	s) away tances Store	/ from 1 . Prote away fro	neat and c ct contain om incomp	lirect sunli ers from p atible mat	ght. Avoid hysical dar erials (see	tempe nage. Section	ratures a To avoid 10).	above 1 d uninter	20 °F (49 °C). Keep ntional spraying keep
7.3	Special Precautions:	Spilled material may present to come into contact with mu utensils inside containers of p	oisture	ng haza (keep l	ard if left u ids proper	nattended ly affixed	. Clean all on product	spills p t stored	romptly. I in plas	Do not tic tubs)	allow stored material . Do not store metal
		8. EXPOSURE CO	NTR	OLS	& PER	SONA		TECT	ION		
8.1	Exposure Limits:	1		GIH		NOHSC		ľ	OSHA		OTHER
	ppm (mg/m <sup>3</sup> )	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
		POTASSIUM PERSULFATE	(0.1)	NA	NF	NF	NF	NA	NA	NA	
		SODIUM PERSULFATE	(0.1)	NA	NF	(0.01)	NF	NA	NA	NA	
		AMMONIUM PERSULFATE	(0.1)	NA	NF	NF	NF	NA	NA	NA	
8.2	Ventilation & Engineering Controls:	When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans), to kee exposure below the airborne exposure limits. Ensure that an eyewash station, sink or washbasin is available in case exposure to eyes.						ilation, fans), to keep s available in case of			
8.3	Respiratory Protection:	No special respiratory protect necessary, use only respirato §1910.134, or applicable U. provinces, E.C. member state	ory pro S. state	tection e regul	authorized	per U.S.	OSHA's r	equirem	nent in 2	29 CFR	
8.4	Eye Protection:	Avoid contact. Wear protecti handling this product. Alway lenses pose a special hazard;	/s use	protect	ive eyewe	ar when	cleaning sp	oills or	all time leaks.	s when Contact	$\Theta$
8.5	Hand Protection:	If anticipated that prolonged latex or rubber gloves for ro §1910.138, the appropriate sta	outine i	industria	aluse. I	necessa	ry, refer to	U.S. (			
8.6	Body Protection:	No special body protection is appropriate protective clothing needed. If necessary, refer to OSHA.	, to pre	event sk	in contact	, (e.g., bo	ots, lab coa	at, apro	n, cover	alls) as	60
	· · · · · · · · · · · · · · · · · · ·		1.0		MICAL	DDOF					
		9. PHYSICA	L X	UHE	WICAL	PROF	EKILE	3			
9.1	Appearance:	White to off white cream.			······						
9.2	Odor:	Bleach									
9.3	Odor Threshold:	NA									
9.4	pH:	9.0-11.5									p
9.5	Melting Point/Freezing Point:	NA									
9.6	Initial Boiling Point/Boiling	NA									

9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density;	NA
9,11	Relative Density:	< 0.5
9.12	Solubility;	4.7 g in 100 mL water
9.13	Partition Coefficient (log Pow):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	%VOC @ 21 °C (70 °F): 0

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E.	AIR SYSTEMS INC.	SAFETY DATA SHEET
		NOHSC, WHMIS, GHS & EU Standards SDS Revision: 1.0 SDS Revision Date: 8/18/2015
10.1	Stability:	10. STABILITY & REACTIVITY Unstable. Gradually decomposes losing oxygen. Decomposes more rapidly at higher temperatures. Metals other that
10.1	Stability.	stainless steel are apt to cause decomposition of persulfate solutions. Generates heat when mixed with acid. May reac with ammonium salt solutions resulting in evolution of ammonia gas. Liberation of oxygen gas may result in dangerou pressures.
10.2	Hazardous Decomposition . Products:	If exposed to <u>extremely high temperatures</u> , products of thermal decomposition may include irritating vapors and toxi gases (e.g., CO, CO <sub>2</sub> , and SO <sub>2</sub> ). Liberation of gas (e.g., oxygen) may result in dangerous pressures. Decomposed b moisture to form oxygen and ozone. Burning may produce nitrogen oxides, sulfur oxides, and sulfuric acid.
10.3	Hazardous Polymerization: Conditions to Avoid:	Will not occur. Open flames, sparks, high heat and direct sunlight. Moisture, combustible material, heat, flame, ignition sources, shock
10.5	Incompatible Substances:	friction, powdered metals, phosphorus, hydrides, organic matter, halogens, acids, alkalis, and incompatibles. Reducing agents, organics, some acids, fammable materials. Do not use metallic bowls or utensils when mixing thi
		product. Avoid contamination with moisture, combustible or organic materials (e.g., sawdust, damp paper towels).
		11. TOXICOLOGICAL INFORMATION
1.1	Routes of Entry:	Inhalation: YES Absorption: YES Ingestion: YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, i
11.3	Acute Toxicity:	available for some of the components of the product but is not presented in this document. Moderate irritation to skin near affected areas. This product causes serious eye irritation.
11.4	Chronic Toxicity:	The material may aggravate any pre-existing skin condition (e.g., dermatitis). This product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.
1.5	Suspected Carcinogen:	No
1.6	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
• • •	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.
.8	Biological Exposure Indices:	NE
.9	Physician Recommendations:	Treat symptomatically.
	••••••	
		12. ECOLOGICAL INFORMATION
24	Environmental Stability:	The components of this product will slowly degrade over time into a variety of organic compounds. Specific
2.1		environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet.
	Effects on Plants & Animals;	environmental data available for the components of this product are available, but are not presented in this Safety Data
2.2	Effects on Plants & Animals: Effects on Aquatic Life:	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet.
2.2		environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet.
2.2 2.3	Effects on Aquatic Life:	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet. <b>13. DISPOSAL CONSIDERATIONS</b>
2.2 2.3 3.1	Effects on Aquatic Life: Waste Disposal:	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet. <b>13. DISPOSAL CONSIDERATIONS</b> Waste disposal must be in accordance with appropriate Federal, state, and local regulations.
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2.2 2.3 3.1 3.2	Effects on Aquatic Life: Waste Disposal: Special Considerations:	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet. <b>13. DISPOSAL CONSIDERATIONS</b> Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) <b>14. TRANSPORTATION INFORMATION</b>
2.2 2.3 3.1 3.2	Effects on Aquatic Life: Waste Disposal: Special Considerations: Dasic description (ID Nun	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet. <b>13. DISPOSAL CONSIDERATIONS</b> Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) <b>14. TRANSPORTATION INFORMATION</b> mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional
2.2 2.3 3.1 3.2	Effects on Aquatic Life: Waste Disposal: Special Considerations: Dasic description (ID Nun	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet. <b>13. DISPOSAL CONSIDERATIONS</b> Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) <b>14. TRANSPORTATION INFORMATION</b> mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additiona a required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III
2.2 2.3 3.1 3.2 The l lesc	Effects on Aquatic Life: Waste Disposal: Special Considerations: Dasic description (ID Num riptive information may be 49 CFR (GND):	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet. <b>13. DISPOSAL CONSIDERATIONS</b> Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) <b>14. TRANSPORTATION INFORMATION</b> mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additiona a required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL ≤ 5.0 kg); or CONSUMER COMMODITY, ORM-D – until 01/01/2021
2.2 2.3 3.1 3.2 he lesc	Effects on Aquatic Life: Waste Disposal: Special Considerations: Dasic description (ID Num riptive information may be	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet. <b>13. DISPOSAL CONSIDERATIONS</b> Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) <b>14. TRANSPORTATION INFORMATION</b> mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additiona a required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL ≤ 5.0 kg); or CONSUMER COMMODITY, ORM-D – until 01/01/2021 UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III
2.2 2.3 3.1 3.2 he l esc.	Effects on Aquatic Life: Waste Disposal: Special Considerations: Dasic description (ID Nun riptive information may be 49 CFR (GND): IATA (AIR):	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet. <b>13. DISPOSAL CONSIDERATIONS</b> Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) <b>14. TRANSPORTATION INFORMATION</b> mber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additiona a required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL ≤ 5.0 kg); or CONSUMER COMMODITY, ORM-D – until 01/01/2021 UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL ≤ 1.0 kg)
2.2 2.3 3.1 3.2 he l esc.	Effects on Aquatic Life: Waste Disposal: Special Considerations: Dasic description (ID Num riptive information may be 49 CFR (GND):	environmental data available for the components of this product are available, but are not presented in this Safety Data Sheet. There are no specific data available for this product. This product was not tested on animals. Specific aquatic test data is available for the some of the components of this product, but are not presented in this Safety Data Sheet. <b>13. DISPOSAL CONSIDERATIONS</b> Waste disposal must be in accordance with appropriate Federal, state, and local regulations. U.S. EPA Waste Number: D001 (characteristic - ignitable) <b>14. TRANSPORTATION INFORMATION</b> nber, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additiona a required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL ≤ 5.0 kg); or CONSUMER COMMODITY, ORM-D – until 01/01/2021 UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL ≤ 1.0 kg) UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL ≤ 1.0 kg)
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	TR SYSTEMS INC.	SAFETY DATA SHEET	Page 5 of 7
		OHSC, WHMIS, GHS & EU Standards SDS Revision: 1.0 SDS Revision Da	ate: 8/18/2015
14.7	ADGR (AUS):	UN1479, OXIDIZING SOLID, N.O.S. (potassium persulfate, sodium persulfate, ammonium persulfate), 5.1, III (LTD QTY, IP VOL ≤ 5.0 kg)	
	<u></u>	15. REGULATORY INFORMATION	
15.1	SARA Reporting	This product does not contain any substances subject to SARA Title III, section 313 reporting requirer	nents
	Requirements:		
15.2 15.3	SARA Threshold Planning Qty: TSCA Inventory Status:	There are no specific Threshold Planning Quantities for the components of this product. The components of this product are listed on the TSCA Inventory.	
15.4	CERCLA Reportable Quantity:	NA	. <u></u>
15.5	Other Federal Requirements:	This material does not contain any hazardous air pollutants. None of the components in this product pollutants under the CWA. None of the components in this product are listed as toxic pollutants under	r the CWA.
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the Safety Data Sheet contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS C, D2B (Oxidizing Agent, Other Toxic Effects)	
15.7	State Regulatory Information;	Potassium Persulfate is found on the following state criteria lists: Florida Toxic Substances List ( Hazardous Substances List (MA), Minnesota Hazardous Substances List (MN), New Jersey Right-to- Pennsylvania Right-to-Know List (PA). <u>Sodium Persulfate</u> is found on the following state criteria lists: NJ and PA. <u>Ammonium Persulfate</u> is found on the following state criteria lists: NJ and PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any c criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florid List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Mi Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substa	Know List (NJ), and of the following state a Toxic Substances nnesota Hazardous (NY), Pennsylvania
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: <u>Potassium Persulfate</u> : Oxidizer, Harmful (O, Xn). <u>Risk Phrases</u> (R): 8-22-36/37/38-42/43 – Contact with combustible material may cause fire. Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact. <u>Safety Phrases</u> (S): (2)-3-7-17- 22-24-26-37-51 - Keep out of the reach of children. Keep in a cool place. Keep container tightly closed. Keep away from combustible material. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. Use only in well-ventilated areas. <u>Sodium Persulfate</u> : Oxidizer, Harmful (O, Xn). <u>Risk Phrases</u> (R): 8-22-36/37/38-42/43 – Contact with combustible material may cause fire. Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact. <u>Safety Phrases</u> (S): (2)-3-7-17- 22-24-26-37-51 - Keep out of the reach of children. Keep in a cool place. Keep container tightly closed. Keep away from combustible material. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. Use only in well-ventilated areas. <u>Ammonium Persulfate</u> : Oxidizer, Harmful (O, Xn). <u>Risk Phrases</u> (R): 8-22-36/37/38-42/43 – Contact with combustible material may cause fire. Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact. <u>Safety Phrases</u> (S): (2)-3-7-17- 22-24-26-37-51 - Keep out of the reach of children. Keep in a cool place. Keep container tightly closed. Keep away from combustible material. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. Use only in well-ventilated areas. <u>Ammonium Persulfate</u> : Oxidizer, Harmful if swallowed. Irritating to eyes	
	<u></u>	16. OTHER INFORMATION	
16.1	Other Information:	<b>DANGERI MAY INTENSIFY FIRE; OXIDIZER. HARMFUL IF SWALLOWED. CAUSES SKIN IF</b> <b>CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. MAY CAUS</b> <b>ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED. MAY CAUSE RESPIRAT</b> Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep/St clothing/cotton/combustible materials. Avoid breathing dust/fumes. Wash hands and exposed skin a warm water thoroughly after handling. Do not eat, drink or smoke when using this product. Use or well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. gloves/protective clothing/eye protection/face protection. If necessary, wear respiratory protection. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with soap and w Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES; Ri water for several minutes. Remove contact lenses if present and easy to do – continue rinsing CENTER or doctor/physician if you feel unwell. Specific treatment (see section 4 of the Safety product label) Rinse mouth. If skin irritation occurs: Get medical advice/attention. If skin irritation or medical advice/attention. If eye irritation persists get medical advice/attention. If experiencing resp Call a POISON CENTER or doctor/physician. Take off contaminated clothing and wash before reus	SE ALLERGY OR ORY IRRITATION. tore away from reas with soap and and outdoors or in a Wear protective IF SWALLOWED: ater. IF INHALED: nse cautiously with . Call a POISON Data Sheet or the a rash occurs: Get piratory symptoms:
16.2	Terms & Definitions:	Use CO2, Halon (if permitted), dry chemical, or foam for extinction. Store in a well ventilated place tightly closed. Store locked up. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN See last page of this Safety Data Sheet.	

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	IR SYSTEMS INC.	SAFETY D	DATA SHEET	Page 6 of 7
Prepa	ared to OSHA, ACC, ANSI, N	OHSC, WHMIS, GHS & EU Standards	SDS Revision: 1.0 SDS I	Revision Date: 8/18/2015
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OS regulations must be reviewed for applicability to this reliable and accurate as of this date; however, acc either expressed or implied, are provided. The info combined with other materials, all component proper the latest edition.	product. To the best of Hair Systems knowledge, t uracy, suitability or completeness is not guarantee rmation contained herein relates only to the specifi	ad and no warranties of any type, ic product(s). If this product(s) is
16.4	Issued by:	Hair Systems, Inc. 30 Park Avenue Englishtown, NJ 07726 USA Tel: +1 (732) 446-2202 Fax: +1 (732) 446-7968 http://www.hairsystemsinc.com	HAIR SYSTEMS INC.	

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## SAFETY DATA SHEET

Issuing Date	5-4-17	<b>Revision Date</b>	2015-09-09	<b>Revision Number</b>	0				
1. IDE	1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING								
GHS Product Identifier			•	·					
Product Name:	Blow Out	Texture Spray							
Other means of Identification	ation								
Synonyms: none									
Recommended use of the	e chemical and	d restrictions on use							
Recommended Use:	No inform	ation available							
Uses advised against:	No inform	ation available							
Supplier's Details									
Supplier	Address								
Chicago A	\erosol								
1300 Nor	th St.								
Coal City,	IL 60416								
Tel: 815-6	534-5100								
Emergency telephone nu	mergency telephone number								
Emergency Telephone	1-866-634	-5100							
Number	Chemtrec	1-800-424-9300							
		2. HAZARD IDENTIFICATION							

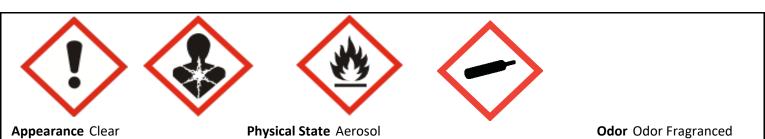
Serious Eye Damage/Eye Irritation	Category 2A	
Carcinogenicity	Category 2	
Specific Target Organ Systemic toxicity (Single Exposure)	Category 3	
Simple Asphyxiant	Yes	
Flammable Aerosols	Category 1	
Gases Under Pressure		

## **GHS label elements, including precautionary statements**

## **EMERGENCY OVERVIEW**

Signal Word	Danger
Hazard Statements	
<ul> <li>Causes serious eye irrita</li> </ul>	tion
<ul> <li>Suspected of causing car</li> </ul>	ncer

- May cause respiratory irritation
- May cause drowsiness or dizziness
- Extremely flammable aerosol



## Precautionary Statements

#### Prevention

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Wash face, hands and any exposed skin thoroughly after handling.
- Wear eye/face protection.
- Avoid breating dust/fune/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Keep away from heat/sparks/open flames/hot surfaces No smoking.
- Do not spray on an open flam or other ignition source.
- Pressurized container: Do no pierce or burn, even after use.

## **General Advice**

• If exposed or concerned: Get medical attention/advice

#### Eyes

- IF IN EYES: Rinse cautionsly with water for several minutes. Remove contact lenses,
- if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

#### Inhalation

• IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

## Storage

- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.
- Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F

#### Disposal

• Dispose of contents/container to an approved waste disposal plant.

## Hazzard Not Otherwise Classifed (HNOC)

Rapid evaporation of the liquid may cause frostbite.

## **Other information**

May be harmful if inhaled. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

3. COMPOSITION/INFORMATION ON INGREDIENTS					
Chemical Name	CAS-No	Weight %	Trade Secret		
Ethyl Alcohol	64-17-5	< 20	*		
1,1-Difluoroethane	75-37-6	< 45	*		
Butane	106-97-8	< 35	*		

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

	4. FIRST AID MEASURES
Description of necessary first-aid measu	res
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation persists.
Skin Contact	Wash off with warm water and soap. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Get medical attention if symptoms occur.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical
Ingestion	Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Most important symptoms/effects, acut	te and delayed
Most Important Symptoms/Effects	Eye irritation/reactions. Frostbite. Drowsiness. Dizziness. Simple asphyxiant.
Indication of immediate medical attenti	on and special treatment needed, if necessary
	on and special readment needed, in needsally
Notes to Physician Treat sympt	tomatically.
	5. FIRE-FIGHTING MEASURES
Suitable Extinguishing Media	
Carbon dioxide (CO 2). Dry chemical. Alc	ohol-resistant foam. Water fog.
Unsuitable Extinguishing Media	No information available.
Specific Hazards Arising from the Chemin No information available.	<u>cal</u>
Hazardous Combustion Products	Thermal decomposition can lead to release of irritating and
	toxic gases and vapors: Carbon oxides. Nitrogen oxides (NOx).
Explosion Data	
Sensitivity to Mechanica	l Impact Yes
Sensitivity to Static Disch	narge Yes
Protective Equipment and Precautions f	or Firefighters
As in any fire, wear self-contained breath	ning apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
	6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Contents under pressure. Remove all sources of ignition. Do not puncture or incinerate cans. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material
Environmental Precautions	
Environmental Precautions	See Section 12 for additional Ecological Information.

#### Methods and materials for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Pick up and transfer to properly labeled containers. Cover liquid spill with sand, earth or other noncombustible absorbent material. Clean contaminated surface thoroughly.

#### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Handling	Contents under pressure. Keep away from open flames, hot surfaces and sources of ignition.
	Avoid contact with skin, eyes and clothing.

## Conditions for safe storage, including any incompatibilitiesStorageStore in a cool, dry area away from potential sources of heat, open flames, sunlight or other

Incompatible Products

Strong oxidizing agents.

chemicals.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Control parameters**

#### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol	TWA: 1000 ppm	TWA: 1000 ppm	TWA: 1000 ppm
Ethyl Alcohol 64-17-5			

#### Appropriate engineering controls **Engineering Measures** Showers **Eyewash stations** Ventilation systems Individual protection measures, such as personal protective equipment **Eye/Face Protection** No protective equipment is needed under normal use conditions. Risk of contact, wear: Safety glasses with side-shields. **Skin and Body Protection** No protective equipment is needed under normal use conditions. Lightweight protective clothing. Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. **Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. **Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. 9. PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

Physical State	Aerosol	Appearance	Clear

#### WPS-CHI-011

Odor	Fragranced		Odor Threshold	No information available
<u>Property</u>		<u>Values</u>		Remarks/ - Method
рН		No data availab	le	Enter here
Melting Point/Range		No data availab	le	Enter here
Boiling Point/Boiling Rang	e	79.4 ºC / 175 ºF	=	for concentrate
Flash Point		18.3C/ 65F		Open cup ( for pure ethanol)
Evaporation rate		>1		Enter here
Flammability (solid, gas)		No data availab	le	Enter here
Flammability Limits in Air		No data availab	le	Enter here
upper flammabil	ity limit	No data availab	le	Enter here
lower flammabil	ity limit	No data availab	le	Enter here
Vapor Pressure		50-60 psig @ 70	)F	Enter here
Vapor Density		No data availab	le	Enter here
Specific Gravity		0.817		water = 1
Water Solubility		No data availab	le	Enter here
Solubility in other solvents	5	No data availab	le	Enter here
Partition coefficient: n-oct	anol/water	No data availab	le	Enter here
Autoignition Temperature		No data availab	le	Enter here
Decomposition Temperatu	ıre	No data availab	le	Enter here
Viscosity		No data availab	le	Enter here
Flammable Properties		Flammable		Enter here
<b>Explosive Properties</b>		No data availab	le	Enter here
<b>Oxidizing Properties</b>		No data availab	le	Enter here
Other information				

#### **Other information**

VOC Content (%)

## 55%

## **10. STABILITY AND REACTIVITY**

#### **Reactivity**

Not reactive under normal conditions.

#### **Chemical stability**

Stable under recommended storage conditions.

## Possibility of hazardous reactions

None under normal processing.

#### Hazardous Polymerization

Hazardous polymerization does not occur.

#### <u>Conditions to avoid</u> Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents

## Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx).

#### **11. TOXICOLOGICAL INFORMATION**

## Information on likely routes of exposure

#### **Product Information**

Inhalation	May cause irritation of respiratory tract. May cause drowsiness and dizziness. Intentional misuse by deliberately concentrating and inhaling contents may be
Eye Contact	Contact with eyes may cause serious eye irritation based on the components present within the product.
Skin Contact	Contact with product may cause frostbite.
Ingestion	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl Alcohol	7060 mg/kg (Rat)	-	124.7 mg/L ( Rat) 4 h

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Eye contact with liquid may cause irritation including stinging, burning, tearing, or reddening of the eyes. Avoid skin contact with leaking liquid (danger of frostbite).

#### Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	Ethanol has been shown to be carcinogenic in long-term studies only when consumed and
	abused as an alcoholic beverage. Vinyl acetate is identified by IARC and ACGIH as a potential
	carcinogen based on data in animal studies. Lifetime exposure to high vapor concentrations
	(600 ppm) of Vinyl acetate caused malignant and benign tumors of the respiratory tract of rats,
	but not in mice: this response possibly being associated with the irritant effect. Vinyl acetate
	has been tested for carcinogenic potential in rats in two separate drinking water studies. In
	one study, in which animals were exposed to concentrations up to 0.5% in water, there was no
	evidence of carcinogenicity. In the second study, conducted at higher concentrations (up to 1%
	in water), evidence of cancer in the stomach and oral cavities was observed. There is no
	evidence that vinyl acetate causes cancer in humans.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethyl Alcohol	A3	Group 1	Known	Х

Reproductive Toxicity STOT - single exposure STOT - repeated exposure Aspiration Hazard No information available. May cause respiratory irritation. May cause drowsiness or dizziness. No information available. No information available.

#### Numerical measures of toxicity - Product

The following values are calculated based on chapter 3.1 of the GHS document:			
LD50 Oral	8538 mg/kg; Acute toxicity estimate		
LD50 Dermal	23700 mg/kg; Acute toxicity estimate		
Inhalation	mg/L; Acute toxicity estimate		
Vapor	134.2 mg/L; Acute toxicity estimate		

## **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish Toxicity to Microorganisr		Toxicity to Microorganisms	Daphnia Magna (Water Flea)		
Ethyl Alcohol		LC50 96 h: 12	.0-16.0mL/L	EC50=34634 mg?L 30 min	LC50 48h: 9268-14221 mg/L		
Persistence and Degradability	No information	n available.					
Bioaccumulation	No information	n available.					
Chemical Name				Log Pow			
Eth	Ethyl alcohol -0.32						
Other Adverse Effects							
No information available.							
	13. DISI	POSAL CONS	IDERATION	IS			
Waste Disposal Methods	Dispose of in	accordance w	ith federal,	state, and local regulation	S.		
Contaminated Packaging	Do not re-use	empty contai	iners.				
	14. TRA	ANSPORT INF	ORMATIO	N			
DOT							
Proper shipping name	Consumer com	nmodity					
Hazard Class	ORM-D						
Description	Consumer com	nmodity, ORM-E	)				
Emergency Response Guide Number	126						
TDG							
UN-Number	UN1950						

Aerosols

UN1950 Aerosols 2.1

ID8000

UN1950, Aerosols, 2.1

UN1950, Aerosols, 2.1

Consumer commodity

2.1

UN-Number Proper Shipping Name Hazard Class Description

MEX

UN-Number	
Proper Shipping Name	
Hazard Class	
Description	

<u>ICAO</u>

UN-Number Proper Shipping Name

9 ID8000, Consumer commodity, 9	
ID8000	
Consumer commodity	
9	
9L	
ID8000, Consumer commodity, 9	
UN1950	
Aerosols	
2	
F-D, S-U	
UN1950, Aerosols, 2.1 (18.3°C o.c.)	
	ID8000, Consumer commodity, 9 ID8000 Consumer commodity 9 9L ID8000, Consumer commodity, 9 UN1950 Aerosols 2 F-D, S-U

#### **15. REGULATORY INFORMATION**

#### **International Inventories**

## TSCA DSL

All components of this product are either listed or are exempt on the TSCA inventory. Substances comply or are exempt

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### **U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

#### **Clean Water Act**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances

#### <u>CERCLA</u>

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ

#### **U.S. State Regulations**

#### **California Proposition 65**

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	CAS-No	California Prop. 65
Ethyl alcohol	64-17-5	Developmental

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Ethyl alcohol	Х	Х	Х	-	
1,1-Difluoroethane	Х	Х			

#### **U.S. EPA Label Information**

EPA Pestic	de Registration Number	Not applicable		
16. OTHER INFORMATION				
<u>NFPA</u>	Health Hazard 2	Flammability 4	Instability 0	Physical and Chemical Hazards
<u>HMIS</u>	Health Hazard 2*	Flammability 4	Physical Hazard 0	Personal Protection X
*Indicates	a chronic health hazard.			
Prepared E	βγ	Chicago Aerosol		
		1300 North St		
		Coal City, IL 60416		
		1-800-572-6501		
Issuing Dat	e	09-Jun-15		
Revision D	ate	09-Jun-15		
<b>Revision N</b>	ote	Initial Release.		

## **General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

## End of Safety Data Sheeet

## SAFETY DATA SHEET

Issuing Date 24JUN20

Revision Date 24JUN20

Revision Number 1



1. IDENTIFICATION		
Product identifier		
Product Name on Label	GHC BLOW OUT SHAMPOO WITH HEMP	
Other means of identification		
Product Code(s)	(BULK #303362) (FG #62155)	
Recommended use of the chemical and restrictions on use		
Recommended Use	Shampoo Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data	a sheet	
Supplier Identification	Marianna Beauty (a.k.a. Marianna Industries)	
Address	11222 I Street Omaha NE 68137 USA	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	sds@mariannabeauty.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	



## 2. HAZARDS IDENTIFICATION

#### Classification

NOT HAZARDOUS	NONE

Appearance Pearly White

Physical state Liquid

Odor Pleasant

#### GHS Label elements, including precautionary statements

Signal Word: none

Hazard statements none

Precautionary Statements - Prevention none Precautionary Statements - Response none

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal none

#### Other information

Unknown Acute Toxicity: No information Available

**3. COMPOSITION/INFORMATION ON INGREDIENTS** 

#### Substance

Not applicable

#### Mixture

Not Hazardous

Chemical name	CAS-No	Percent	Hazardous Material	Date HMIRA filed and
			Information Review Act	date exemption granted (if
			registry number (HMIRA	applicable)
			registry #)	
	-		-	-



## 4. FIRST AID MEASURES

First aid measures	
General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	If swallowed, consult a physician.
Self-protection of the first aider	No information available.

Most important symptoms and effects, both acute and delayed

## Potential acute health effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	May be fatal if swallowed and enters airways.

## **Over-exposure signs/symptoms**

Eye Contact:	No specific data
Inhalation:	No specific data
Skin Contact:	No specific data
Ingestion:	No specific data

# Indication of any immediate medical attention and special treatment needed Note to physicians

Treat symptomatically.



## **5. FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	None known.
Hazardous Combustion Products	None known.
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	No information available. No information available.
Special protective equipment for fire-fighters	No information available.

## 6. ACCIDENTAL RELEASE MEASURES

## Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.	
Methods and material for containment and cleaning up		
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.	
Methods for cleaning up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.	

## 7. HANDLING AND STORAGE

#### Precautions for safe handling

Advice on safe handling

Put on appropriate personal protective equipment. Do not swallow. Avoid contact with eyes, skin and clothing. Workers should wash hands and face before eating, drinking and smoking.

#### Conditions for safe storage, including any incompatibilities



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#### **Storage Conditions**

Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	
Exposure Limits	No information
Appropriate engineering controls	
Engineering controls	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection measures, such as	s personal protective equipment
Eye/face protection	Tight sealing safety goggles.
Hand protection	None required under normal use.
Skin and body protection	None required under normal use.
Respiratory protection	None required under normal use.
General hygiene considerations	None required under normal use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties Physical state Appearance Odor Color Odor Threshold	Liquid Pearly Pleasant White Pleasant	
Property	Values	Remarks Method
pH	4.50-5.50	rioniario motriou
Melting / freezing point	No data available	None known
Boiling point / boiling range	100 °C / 212 °F	
Flash Point	No data available	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known

Relative density Water Solubility Solubility(ies) Partition coefficient: n-octanol/water Autoignition temperature Decomposition temperature Viscosity RVT	0.980-1.001 Soluble in water No data available not applicable No data available No data available 10,000-22,0000	None known None known None known SPIN 3 RPM 3 None known
Other Information		
Explosive properties	No information available	
Oxidizing properties Softening Point	No information available No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	
	10. STABILITY AND REAC	TIVITY
Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not o	ccur.
Conditions to avoid	No information available.	
Incompatible materials	None known based on information su	pplied.

## Hazardous Decomposition Products Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.



Information on toxicological effects		
Symptoms	Itching. Rashes. Hives.	
Numerical measures of toxicity		
Acute Toxicity		

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
			-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.	
Serious eye damage/eye irritation	No information available.	
Respiratory or skin sensitization	May cause sensitization by skin contact.	
Germ cell mutagenicity	No information available.	
Carcinogenicity	No information available.	
Reproductive toxicity	No information available.	
STOT - single exposure	No information available.	
STOT - repeated exposure	No information available.	
Aspiration hazard	No information available.	

## **12. ECOLOGICAL INFORMATION**

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and Degradability Bioaccumulation	No information available. There is no data for this product.
Mobility	No information available.



Other adverse effects

No information available.

## **13. DISPOSAL CONSIDERATIONS**

#### Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

## **14. TRANSPORT INFORMATION**

DOT Proper Shipping Name Hazard Class	NOT REGULATED NON-REGULATED N/A
TDG	Not regulated
<u>MEX</u>	Not regulated
ICAO	Not regulated
IATA Proper Shipping Name Hazard Class	Not regulated NON-REGULATED N/A
IMDG/IMO Hazard Class	Not regulated N/A
<u>RID</u>	Not regulated
ADR	Not regulated
ADN	Not regulated

## **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable



#### Export Notification requirements Not applicable

International Inventories	
TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.



## **16. OTHER INFORMATION**

**Revision Note** 

No information available

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### End of Safety Data Sheet

# SAFETY DATA SHEET

Revision Number 2

Issuing Date 220CT19 Revision Date 220CT19



## **1. IDENTIFICATION** Product identifier **Product Name on Label** GHC SURFACE BLOW OUT PRIMER WITH HEMP Other means of identification Product Code(s) (BULK #303291) (FG#) Recommended use of the chemical and restrictions on use **Recommended Use** Hair Care No information available **Restrictions on use** Details of the supplier of the safety data sheet **Supplier Identification** Marianna Beauty (a.k.a. Marianna Industries) 11222 | Street Address Omaha

Telephone

11222 I Stree Omaha NE 68137 USA

Phone:4025930211 Fax:4025930614



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NONE

#### E-mail

#### Emergency telephone number

#### **Company Emergency Phone Number**

## 2. HAZARDS IDENTIFICATION

#### Classification

NOT HAZAROUS

Appearance Hazy to Clear

Physical state liquid

sds@mariannabeauty.com

4025930211

#### GHS Label elements, including precautionary statements

Signal Word: none

Hazard statements none

#### Precautionary Statements - Prevention none Precautionary Statements - Response none

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

## Precautionary Statements - Disposal none

#### Other information

19% of the mixture consists of ingredient(s) of unknown toxicity

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

## Substance

Not applicable

#### <u>Mixture</u>

Not Hazardous

Chemical name	CAS-No	Percent	Hazardous Material	Date HMIRA filed and date
			registry number (HMIRA	exemption



		regis	stry #)	granted applicat	(ماد	
	-					-

## 4. FIRST AID MEASURES

First aid measures	
General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	If swallowed, consult a physician.
Self-protection of the first aider	No information available.

Most important symptoms and effects, both acute and delayed

## Potential acute health effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	May be fatal if swallowed and enters airways.

## **Over-exposure signs/symptoms**

Eye Contact:	No specific data
Inhalation:	No specific data
Skin Contact:	No specific data
Ingestion:	No specific data

## Indication of any immediate medical attention and special treatment needed Note to physicians

Treat symptomatically.

## **5. FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media

Unsuitable extinguishing media

Specific hazards arising from the chemical

**Hazardous Combustion Products** 

Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge

Special protective equipment for fire-fighters

Use an extinguishing agent suitable for the surrounding fire.

None known.

None known.

None known.

No information available. No information available.

No information available.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

Methods and material for containment and cleaning up

Methods for containment

Methods for cleaning up

Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

Precautions for safe handling



Advice on safe handling

Put on appropriate personal protective equipment. Do not swallow. Avoid contact with eyes, skin and clothing. Workers should wash hands and face before eating, drinking and smoking.

Conditions for safe storage, including any incompatibilities

**Storage Conditions** 

Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

No information

Appropriate engineering controls

**Engineering controls** 

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Individual protection measures, such as personal protective equipment

Eye/face protectionTight sealing safety goggles.Hand protectionNone required under normal use.Skin and body protectionNone required under normal use.Respiratory protectionNone required under normal use.General hygiene considerationsNone required under normal use.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties Physical state Appearance Odor Color Odor Threshold	_	Liquid Hazy Pleasant Light Yellow. Pleasant	
Property	Values		Remarks Method
pH Melting / freezing point	8.25-9.25 No data available		None known
Boiling point / boiling range	100  °C / 212  °F		NOTE KTOWT
Flash Point	No data available		
Evaporation Rate	No data available		None known
Flammability (solid, gas)	No data available		None known
Flammability Limit in Air			None known
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available		None known
Vapor density	No data available		None known
Relative density Water Solubility	0.999-1.030 Soluble in water		
Solubility(ies)	No data available		None known
Partition coefficient: n-octanol/wat			
Autoignition temperature	No data available		None known
Decomposition temperature	No data available		None known
Other Information Explosive properties			I
Oxidizing properties		No information available	
Softening Point		No information available	
Molecular Weight		No information available	
VOC Content (%) Liquid Density		No information available No information available	
Bulk Density		No information available	
Particle Size		No information available	
Particle Size Distribution		No information available	
		No information available	

## 10. STABILITY AND REACTIVITY



No i

#### Reactivity

**Chemical stability** 

**Possibility of Hazardous Reactions** 

Hazardous Polymerization

**Conditions to avoid** 

Incompatible materials

**Hazardous Decomposition Products** 

No information available.

Stable under normal conditions.

None under normal processing.

Hazardous polymerization does not occur. Hazardous polymerization does not occur.

No i

None known based on information supplied.

Carbon oxides. Carbon oxides.

## **11. TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

**Product Information** 

Inha

Itchi

Specific test data for the substance or mixture is not available.

Eye contact

Specific test data for the substance or mixture is not available.

#### Skin contact

Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

## Ingestion

Specific test data for the substance or mixture is not available.

Information on toxicological effects

Symptoms

Numerical measures of toxicity

**Acute Toxicity** 



No i

#### **Component Information**

Chemical name		Ora
	Dermal LD50 In	
	al	d
	at io	
	r	1
	Ļ	
	C	2
	5	5
	 -	

## Delayed and immediate effects as well as chronic effects from short

and long-term exposure

Skin corrosion/irritation

Serious eye damage/eye irritation

Respiratory or skin sensitization

Germ cell mutagenicity

Carcinogenicity

**Reproductive toxicity** 

STOT - single exposure

STOT - repeated exposure

Aspiration hazard

No information available.

May cause sensitization by skin contact.

No information available.

## **12. ECOLOGICAL INFORMATION**

Ecotoxicity	The environmental impact of this product has not been fully investigated.	
Persistence and Degradability Bioaccumulation	No information available. No information available. There is no data for this product.	Ther
Mobility Other adverse effects	No information available. No information available.	No ir



Disp envi

No information available.

## **13. DISPOSAL CONSIDERATIONS**

#### Waste treatment methods

Waste from residues/unused products

**Contaminated packaging** 

Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

DOT_ Hazard Class	NOT REGULATED Proper Shipping Name NON-REGULATED
TDG	N/A Not regulated
MEX	Not regulated
	Not regulated
	Not regulated
Hazard Class	Proper Shipping Name NON-REGULATED
IMDG/IMO	N/A Not regulated <b>Hazard Class</b> N/A
RID	Not regulated
<u>ADR</u>	Not regulated
ADN	Not regulated Not regulated
15. REGULATORY INFORMATION	



<u>Safety, health and environmental regulations/legislation specific for</u> the substance or mixture

#### **International Regulations**

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International InventoriesTSCAContact supplier for inventory compliance status.DSL/NDSLContact supplier for inventory compliance status.EINECS/ELINCSContact supplier for inventory compliance status.ENCSContact supplier for inventory compliance status.KECLContact supplier for inventory compliance status.PICCSContact supplier for inventory compliance status.AICSContact supplier for inventory compliance status.

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 Australian Inventory of Chemical Substances

#### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

	Acute Health Hazard
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No
Reactive Hazard	No
WA (Clean Water Act)	

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA** 

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental



Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

## **16. OTHER INFORMATION**

#### **Revision Note**

#### Disclaimer

No information available

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

#### **End of Safety Data Sheet**



No i

## **MATERIAL SAFETY DATA SHEET**

NAME OF PRODUCT Issuing Date: 2/26/15 SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Weightless Moisture Dry Oil Mist

MANUFACTURER: Chicago Aerosol ADDRESS: 1300 North St Coal City,IL 60416

EMERGENCY PHONE: 1-866-634-5100 CHEMTREC PHONE: 1-800-424-9300 OTHER CALLS: FAX PHONE:

#### **SECTION 1 NOTES:**

#### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO.	% WT
Isododecane	93685-81-5	<25.0
Ethane, 1,1-Difluoro	75-37-6	<75.0

#### SECTION 2 NOTES:

#### SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW: Flammable Aerosol** 

ROUTES OF ENTRY: May be harmful if swallowed or inhaled

POTENTIAL HEALTH EFFECTS EYES: Irritating to eyes

SKIN: May cause irritation

INGESTION: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea,vomiting and diarrhea. May cause central nervous system depression.

INHALATION: May be harmful if inhaled. Inhalation of vapors in high concentration may cause irritation of the respiratory system. May cause drowsiness and dizziness.

#### ACUTE HEALTH HAZARDS:

CHRONIC HEALTH HAZARDS: May cause adverse liver effects. May cause adverse effects to the bone marrow and bloodforming system.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Central nervous system. Pre-existing eye disorders. Blood disorders. Liver disorders.Respiratory disorders

## **MATERIAL SAFETY DATA SHEET**

NAME OF PRODUCT

#### SECTION 4: FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

SKIN: In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Wash skin with soap and water. In the case of skin irritation or allergic reactions, consult a physician

INGESTION: Call a physician or Poison Contro Center immediately. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person.

INHALATION: Move victim to fresh air. Administer oxygen if breathing is difficult. Apply artificial respiration if victim is not breathing. If symptoms persist, call a physician.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Keep victim warm and quiet

**SECTION 4 NOTES:** 

SECTION 5:	FIRE-FIGHTING M	EASURES
------------	-----------------	---------

FLAMMABLE Properties: Containers may explode when heated

FLASH POINT: F: 65 degrees F C: 18.3 degrees C METHOD USED: Open Cup ( For pure ethanol)

NFPA HAZARD CLASSIFICATION HEALTH: 2 OTHER: Physical and Chemic	FLAMMABILITY: 4	REACTIVITY: 0
HMIS HAZARD CLASSIFICATION HEALTH: 2 PROTECTION: Personal Prot	FLAMMABILITY: 4 ection	REACTIVITY: 0

EXTINGUISHING MEDIA: CO2 or dry chemical for small fires. Foam for large fires

SPECIAL FIRE FIGHTING PROCEDURES: Addition of water fog will aid in reducing burning rate. Use NIOSH self-contained breathing appartatus in confined areas

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flamable vapors may travel along the floor to be ignited by distant ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion of liquid may form oxides of carbon and nitrogen

SECTION 5 NOTES:

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Eliminate all ignition sources. Ventilate area. Small spills should be flushed with large amounts of water. Large spills should be absorbed on non flammable absorbant material for disposal.

SECTION 6 NOTES:

#### SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Contents under pressure Keep away from heat and sources of ignition. Keep out of reach of children.

## **MATERIAL SAFETY DATA SHEET**

NAME OF PRODUCT

**OTHER PRECAUTIONS:** 

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : For salon or home use, always provide adequate ventilation.

RESPIRATORY PROTECTION: none necessary when product is used as directed. Avoid prolonged or repeated breathing of vapors.

EYE PROTECTION: None necessary when product is used as directed.

SKIN PROTECTION: None necessary when product is used as directed.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Normal safe working practices

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: clear liquid ODOR: fragrance

PHYSICAL STATE:

```
pH AS SUPPLIED:
pH (Other):
BOILING POINT: of concentrate
            F: 175
             C:
MELTING POINT: NA
             F:
             C:
Flash Point : 65 degrees F
             F:
             C:
VAPOR PRESSURE (mmHg):
                             50-60 psig
     @
             F: 70 degrees
             C:
VAPOR DENSITY (AIR = 1): N/E
     @
             F:
             C:
SPECIFIC GRAVITY (H2O = 1):
     @
             F:
                  0.817
             C:
EVAPORATION RATE: > 1
BASIS (=1):
```

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: soluble

# **MATERIAL SAFETY DATA SHEET**

NAME OF PRODUCT

PERCENT SOLIDS BY WEIGHT: No information available

F: C: VOLATILE ORGANIC COMPOUNDS (VOC):

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

<u>STABLE</u>

UNSTABLE

STABILITY: Stable under recommended storage conditions

CONDITIONS TO AVOID (STABILITY): Heat, Flames, sparks

INCOMPATIBILITY (MATERIAL TO AVOID): Strong Oxidizing Agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Oxides, Nitrogen Oxides

HAZARDOUS POLYMERIZATION: None under normal processing

CONDITIONS TO AVOID (POLYMERIZATION):

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: May be harmful if swallowed. May be harmful if inhaled

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/E

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This material as supplied, is a hazardous waste according to federal regulations (40 CFR 261)

RCRA HAZARD CLASS: 2.1

### SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION GROUND TRANSPORTATION

# **MATERIAL SAFETY DATA SHEET**

NAME OF PRODUCT

PROPER SHIPPING NAME: Consumer Commodity HAZARD CLASS: ORM-D ID NUMBER: UN 1950 PACKING GROUP: LABEL STATEMENT: LTD QTY

#### WATER TRANSPORTATION

PROPER SHIPPING NAME: UN1950, Aerosols, flammable, 2.1, LTD QTY HAZARD CLASS: 2.1 ID NUMBER: UN1950 PACKING GROUP: LABEL STATEMENTS: LTD QTY

AIR TRANSPORTATION PROPER SHIPPING NAME: UN1950, Aerosols, 2.1, LTD QTY HAZARD CLASS: 2.1 ID NUMBER: UN1950 PACKING GROUP: LABEL STATEMENTS: LTD QTY

OTHER AGENCIES:

#### **SECTION 14 NOTES:**

#### **SECTION 15: REGULATORY INFORMATION**

U.S. FEDERAL REGULATIONS TSCA (TOXIC SUBSTANCE CONTROL ACT): Exempt

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: acute health hazard, cronic health hazard, fire hazard, sudden release of pressure hazzard

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

**SECTION 15 NOTES:** 

SECTION 16: OTHER INFORMATION

**OTHER INFORMATION:** 

**PREPARATION INFORMATION:** 

DISCLAIMER: The information contained herein is based on the data available to us ands is believed to be correct to the best of our ability. However Chicago Aerosol makes no warranty, expressed or implied, regarding the accuracy of this data nor assumes any responsibility for injury from intentional or nonintentional misuse of this product.

# SAFETY DATA SHEET

Issuing Date 24JUN20

Revision Date 24JUN20

Revision Number 1



1. IDENTIFICATION		
Product identifier		
Product Name on Label	GHC BLOW OUT CONDITIONER WITH HEMP	
Other means of identification		
Product Code(s)	(BULK #303361) (FG #64285)	
Recommended use of the chemical and restrictions on use		
Recommended Use	Shampoo Hair	
Restrictions on use	No information available	
Details of the supplier of the safety data	a sheet	
Supplier Identification	Marianna Beauty (a.k.a. Marianna Industries)	
Address	11222 I Street Omaha NE 68137 USA	
Telephone	Phone:4025930211 Fax:4025930614	
E-mail	sds@mariannabeauty.com	
Emergency telephone number		
Company Emergency Phone Number	4025930211	



## 2. HAZARDS IDENTIFICATION

### Classification

NOT HAZARDOUS	NONE

Appearance Creamy White

Physical state Liquid to Paste

Odor Pleasant

### GHS Label elements, including precautionary statements

Signal Word: none

Hazard statements none

Precautionary Statements - Prevention none Precautionary Statements - Response none

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal none

### Other information

Unknown Acute Toxicity: No information Available

**3. COMPOSITION/INFORMATION ON INGREDIENTS** 

### Substance

Not applicable

### Mixture

Not Hazardous

Chemical name	CAS-No	Percent	Hazardous Material	Date HMIRA filed and
			Information Review Act	date exemption granted (if
			registry number (HMIRA	applicable)
			registry #)	
	-		-	-



## 4. FIRST AID MEASURES

First aid measures	
General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	If swallowed, consult a physician.
Self-protection of the first aider	No information available.

Most important symptoms and effects, both acute and delayed

### Potential acute health effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	May be fatal if swallowed and enters airways.

### **Over-exposure signs/symptoms**

Eye Contact:	No specific data
Inhalation:	No specific data
Skin Contact:	No specific data
Ingestion:	No specific data

# Indication of any immediate medical attention and special treatment needed Note to physicians

Treat symptomatically.



### **5. FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	None known.
Hazardous Combustion Products	None known.
Explosion Data Sensitivity to Mechanical Impact Sensitivity to Static Discharge	No information available. No information available.
Special protective equipment for fire-fighters	No information available.

### 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
Methods and material for containment	and cleaning up
Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.
Methods for cleaning up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

# 7. HANDLING AND STORAGE

### Precautions for safe handling

Advice on safe handling

Put on appropriate personal protective equipment. Do not swallow. Avoid contact with eyes, skin and clothing. Workers should wash hands and face before eating, drinking and smoking.

### Conditions for safe storage, including any incompatibilities



Page 4/10

### **Storage Conditions**

Store in accordance with local regulations. Store locked up. Keep out of the reach of children.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters		
Exposure Limits	No information	
Appropriate engineering controls		
Engineering controls	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	
Individual protection measures, such as	s personal protective equipment	
Eye/face protection	Tight sealing safety goggles.	
Hand protection	None required under normal use.	
Skin and body protection	None required under normal use.	
Respiratory protection	None required under normal use.	
General hygiene considerations	None required under normal use.	

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties Physical state Appearance Odor Color Odor Threshold	Liquid Pearly Pleasant White Pleasant	
Property	Values	Remarks Method
pH	3.50-4.50	Remarks Method
Melting / freezing point	No data available	None known
Boiling point / boiling range	100 °C / 212 °F	
Flash Point	No data available	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known

Relative density Water Solubility Solubility(ies) Partition coefficient: n-octanol/wate Autoignition temperature Decomposition temperature Viscosity RVT	0.980-1.001 Soluble in water No data available rnot applicable No data available No data available 100,000-220,0000	None known None known None known SPIN F RPM 3 None known
Other Information		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening Point	No information available	
Molecular Weight	No information available	
VOC Content (%)	No information available No information available	
Liquid Density Bulk Density	No information available	
Particle Size	No information available	
Particle Size Distribution	No information available	
	10. STABILITY AND REAC	TIVITY
Reactivity	No information available.	
Chemical stability	Stable under normal conditions.	
Possibility of Hazardous Reactions	None under normal processing.	
Hazardous Polymerization	Hazardous polymerization does not o	ccur.
Conditions to avoid	No information available.	
Incompatible materials	None known based on information su	pplied.

Carbon oxides.

# 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Hazardous Decomposition Products

Product Information	
Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. May cause sensitization by skin contact. (based on components). Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Specific test data for the substance or mixture is not available.



Information on toxicological effects	
Symptoms	Itching. Rashes. Hives.
Numerical measures of toxicity	
Acute Toxicity	

### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
			-

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

# **12. ECOLOGICAL INFORMATION**

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and Degradability Bioaccumulation	No information available. There is no data for this product.
Mobility	No information available.



Other adverse effects

No information available.

# **13. DISPOSAL CONSIDERATIONS**

### Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

# **14. TRANSPORT INFORMATION**

DOT Proper Shipping Name Hazard Class	NOT REGULATED NON-REGULATED N/A
TDG	Not regulated
<u>MEX</u>	Not regulated
ICAO	Not regulated
IATA Proper Shipping Name Hazard Class	Not regulated NON-REGULATED N/A
IMDG/IMO Hazard Class	Not regulated N/A
<u>RID</u>	Not regulated
ADR	Not regulated
ADN_	Not regulated

### **15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable



### Export Notification requirements Not applicable

International Inventories	
TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

This product does not contain any substances above threshold limits that are regulated by state right-to-know.



## **16. OTHER INFORMATION**

**Revision Note** 

No information available

### Disclaimer

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### End of Safety Data Sheet

