

Issue Date 31-May-2017

Revision Date 31-May-2017

Version 1

1. IDENTIFICATION

Product identifier

Product Name FIRMATA FIRM HOLD HAIR SPRAY

Other means of identification

Product Code A1RP01000A

Recommended use of the chemical and restrictions on use

Recommended Use Personal Care Product. For professional use only.

Uses advised against All other uses. Not for personal use in this form or concentration.

Details of the supplier of the safety data sheet

Supplier Address

The Estée Lauder Companies Inc.
125 Pinelawn Road
Melville, NY 11747

Emergency telephone number

Company Phone Number

Emergency Telephone

1-877-311-3883

Chemtrec 1-800-424-9300

Chemtrec International +1 703-741-5970

E-mail address

SDS@ESTEE.COM

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids	Category 2
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Label elements

Danger

Hazard statements

Highly flammable liquid and vapor



Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use only non-sparking tools

Take precautionary measures against static discharge
Wear protective gloves/protective clothing/eye protection/face protection

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Unknown acute toxicity

0.4% of the mixture consists of ingredient(s) of unknown toxicity

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

Chemical Name	CAS No.	Weight-%
ALCOHOL DENAT.	64-17-5	30 - 60*

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

4. FIRST AID MEASURES**Description of first aid measures**

General advice	No hazards which require special first aid measures.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	Wash with soap and water. In the case of skin irritation or allergic reactions see a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Not an expected route of exposure. Clean mouth with water and drink afterwards plenty of water. Call a physician or poison control center immediately.
Self-protection of the first aider	Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms	None known.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use CO₂, dry chemical, or foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Sealed containers may rupture when heated.

Explosion data**Sensitivity to Mechanical Impact** No information available.**Sensitivity to Static Discharge** No information available.**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing 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**

Remove all sources of ignition. Enact facility's spill response plan. Ensure adequate ventilation, especially in confined areas. Wear protective gloves/protective clothing and eye/face protection.

Environmental precautions**Environmental precautions**

Prevent product from entering drains. Dispose of contents/container to an approved waste disposal plant.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills. Collect spillage.

Methods for cleaning up

Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on safe handling**

Keep away from heat/sparks/open flames/hot surfaces. — No smoking. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep containers upright and tightly closed when not in use.

Incompatible materials

Incompatible with oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
ALCOHOL DENAT. 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³

NIOSH IDLH *Immediately Dangerous to Life or Health*

Appropriate engineering controls

Engineering Controls Eyewash stations. Showers. Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid
Appearance clear to sl. hazy thin liquid
Odor fruity, floral, fresh, lemon- cts
Color colorless to pale yellow- darkens with age

<u>Property</u>	<u>Values</u>
pH	5.7
Melting point/freezing point	No information available
Boiling point / boiling range	36 °C / 97 °F
Flash point	21 °C / 69 °F
Burn rate	Not applicable
Burn time	Not applicable
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific Gravity	.907
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Incompatible with oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

Component Information

Data within this section obtained from international chemical toxicological profiles.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
ALCOHOL DENAT. 64-17-5	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

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

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic toxicity May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects. Contains a known or suspected reproductive toxin.
Target Organ Effects blood, Reproductive System, Central nervous system, Eyes, Respiratory system, liver, Skin.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION**Ecotoxicity****Persistence and degradability**

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION**DOT**

UN/ID no.	UN1170
Proper shipping name	Ethanol solutions
Hazard Class	3
Packing Group	II
Special Provisions	24, IB2, T4, TP1
Description	UN1170, Ethanol solutions, 3, II,
Emergency Response Guide Number	127

TDG

UN/ID no.	UN1170
Proper shipping name	Ethanol solution
Hazard Class	3
Packing Group	II
Description	UN1170, Ethanol solution, 3, II

MEX

UN/ID no.	UN1170
Proper shipping name	Ethanol in solution
Hazard Class	3
Packing Group	II
Description	UN1170, Ethanol in solution, 3, II

ICAO (air)

UN/ID no.	UN1170
Proper shipping name	Ethanol solution
Hazard Class	3
Packing Group	II
Special Provisions	A180, A3, A58
Description	UN1170, Ethanol solution, 3, II

IATA

UN/ID no.	UN1170
Proper shipping name	Ethanol solution
Hazard Class	3
Packing Group	II
ERG Code	3L
Special Provisions	A180, A3, A58

IMDG

UN/ID no. UN1170
Proper shipping name Ethanol solution
Hazard Class 3
Packing Group II
EmS-No. F-E, S-D
Special Provisions 144
Description UN1170, Ethanol solution, 3, II

RID

UN/ID no. UN1170
Proper shipping name Ethanol solution
Hazard Class 3
Packing Group II
Classification code F1
Description UN1170, Ethanol solution, 3, II
Labels 3

ADR

UN/ID no. UN1170
Proper shipping name Ethanol solution
Hazard Class 3
Packing Group II
Classification code F1
Tunnel restriction code (D/E)
Special Provisions 144, 601
Description UN1170, Ethanol solution, 3, II, (D/E)
Labels 3

ADN

UN/ID no. UN1170
Proper shipping name Ethanol solution
Hazard Class 3
Packing Group II
Classification code F1
Special Provisions 144, 601
Description UN1170, Ethanol solution, 3, II
Hazard label(s) 3
Limited quantity (LQ) 1 L
Ventilation VE01

15. REGULATORY INFORMATION

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

CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
EDTA 60-00-4	5000 lb	-	-	X

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
SAFROLE 94-59-7	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ
EDTA	5000 lb	-	RQ 5000 lb final RQ

60-00-4			RQ 2270 kg final RQ
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US State Regulations**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
ALCOHOL DENAT. 64-17-5	X	X	X

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Revision Date 31-May-2017

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