

Issue Date 31-May-2017

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Version 1

1. IDENTIFICATION

Product identifier

Product Name FULL SPECTRUM PROTECTIVE PERMANENT PURE TONE HAIR COLOR - PURE YELLOW

Other means of identification

Product Code A51J030002

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

1-877-311-3883

Emergency Telephone

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)

| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |

Label elements

Danger

Hazard statements

Causes skin irritation

Causes serious eye damage



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Unknown acute toxicity

14.1% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Chemical Name | CAS No. | Weight-% |
|--------------------|------------|----------|
| GLYCERYL STEARATE | 31566-31-1 | 1 - 5* |
| AMMONIUM HYDROXIDE | 1336-21-6 | 1 - 5* |
| GLYCERIN | 56-81-5 | 1 - 5* |

*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.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

| | |
|-------------------|---|
| Small Fire | Use water. Do not use dry chemicals or foams. CO ₂ or Halon may provide limited control. |
| Large Fire | Flood fire area with water from a distance. |

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

Specific hazards arising from the chemical

Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.). 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

Enact facility's spill response plan. Remove all sources of ignition. 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. Use personal protective equipment as required. Take precautionary measures against static discharges. Handle in accordance with good industrial hygiene and safety practice. 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

Acids. Bases. Alcohols. Combustible material.

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 |
|---------------------------------|---|---|------------|
| GLYCERYL STEARATE 31566-31-1 | TWA: 10 mg/m ³ except stearates of toxic metals | - | - |
| GLYCERIN 56-81-5 | - | TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction | - |

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 smooth, shiny, viscous emulsion (not grainy)
Odor strong ammonia
Color off-white to yellowish tan

| <u>Property</u> | <u>Values</u> |
|-------------------------------|--------------------------|
| pH | No information available |
| Melting point/freezing point | No information available |
| Boiling point / boiling range | No information available |
| Flash point | 94 °C / 201 °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 | .995 |
| 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 | 600000 |
| 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

Acids. Bases. Alcohols. Combustible material.

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 |
|---------------------------------|-----------------------|----------------------|-------------------------------------|
| AMMONIUM HYDROXIDE 1336-21-6 | = 350 mg/kg (Rat) | - | - |
| GLYCERIN 56-81-5 | = 12600 mg/kg (Rat) | > 10 g/kg (Rabbit) | > 570 mg/m ³ (Rat) 1 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. |
| Target Organ Effects | Eyes, Respiratory system, kidney, 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

None known

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 This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

DOT

| | |
|---------------------------------|--|
| UN/ID no. | UN1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Hazard Class | 8 |
| Packing Group | II |
| Special Provisions | B2, IB2, TII, TP2, TP27 |
| Description | UN1760, Corrosive liquid, n.o.s. (AMMONIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II |
| Emergency Response Guide Number | 154 |

TDG

| | |
|----------------------|--|
| UN/ID no. | UN1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Hazard Class | 8 |
| Packing Group | II |
| Description | UN1760, Corrosive liquid, n.o.s. (AMMONIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II |

MEX

| | |
|----------------------|--|
| UN/ID no. | UN1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Hazard Class | 8 |
| Packing Group | II |
| Description | UN1760, Corrosive liquid, n.o.s. (AMMONIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II |

ICAO (air)

| | |
|----------------------|--------------------------|
| UN/ID no. | UN1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Hazard Class | 8 |
| Packing Group | II |
| Special Provisions | A3 |

| | |
|-------------------------|--|
| Description | UN1760, Corrosive liquid, n.o.s. (AMMONIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II |
| <u>IATA</u> | |
| UN/ID no. | UN1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Hazard Class | 8 |
| Packing Group | II |
| ERG Code | 8L |
| Special Provisions | A3, A803 |
| <u>IMDG</u> | |
| UN/ID no. | UN1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Hazard Class | 8 |
| Packing Group | II |
| EmS-No. | F-A, S-B |
| Special Provisions | 274 |
| Description | UN1760, Corrosive liquid, n.o.s. (AMMONIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II |
| <u>RID</u> | |
| UN/ID no. | UN1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Hazard Class | 8 |
| Packing Group | II |
| Classification code | C9 |
| Description | UN1760, Corrosive liquid, n.o.s. (AMMONIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II |
| Labels | 8 |
| <u>ADR</u> | |
| UN/ID no. | UN1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Hazard Class | 8 |
| Packing Group | II |
| Classification code | C9 |
| Tunnel restriction code | (E) |
| Special Provisions | 274 |
| Description | UN1760, Corrosive liquid, n.o.s. (AMMONIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II, (E) |
| Labels | 8 |
| <u>ADN</u> | |
| UN/ID no. | UN1760 |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Hazard Class | 8 |
| Packing Group | II |
| Classification code | C9 |
| Special Provisions | 274 |
| Description | UN1760, Corrosive liquid, n.o.s. (AMMONIUM HYDROXIDE, SODIUM HYDROXIDE), 8, II |
| Hazard label(s) | 8 |
| Limited quantity (LQ) | 1 L |

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 |
|---------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| AMMONIUM HYDROXIDE 1336-21-6 | 1000 lb | - | - | X |
| SODIUM HYDROXIDE 1310-73-2 | 1000 lb | - | - | X |

CERCLA

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---------------------------------|--------------------------|----------------|---|
| AMMONIUM HYDROXIDE 1336-21-6 | 1000 lb | - | RQ 1000 lb final RQ RQ 454 kg final RQ |
| SODIUM HYDROXIDE 1310-73-2 | 1000 lb | - | RQ 1000 lb final RQ RQ 454 kg final RQ |
| SAFROLE 94-59-7 | 100 lb | - | RQ 100 lb final RQ RQ 45.4 kg final RQ |

US State Regulations

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------------------------|------------|---------------|--------------|
| AMMONIUM HYDROXIDE 1336-21-6 | X | X | X |
| GLYCERIN 56-81-5 | X | X | X |
| SODIUM HYDROXIDE 1310-73-2 | 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