

Issue Date 31-May-2017

Revision Date 31-May-2017

Version 1

1. IDENTIFICATION

Product identifier

Product Name FULL SPECTRUM PROTECTIVE PERMANENT CREME HAIR COLOR - 8 NATURAL

Other means of identification

Product Code A50F080002

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)

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

Label elements

Warning

Hazard statements

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace

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
IF ON SKIN: Wash with plenty of soap and water
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention

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 10.3% 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* |
| TOLUENE-2,5-DIAMINE SULFATE | 615-50-9 | 0.1 - 1* |
| RESORCINOL | 108-46-3 | 0.1 - 1* |
| p-AMINOPHENOL | 123-30-8 | 0.1 - 1* |

*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. CO₂ 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 | - |
| RESORCINOL 108-46-3 | STEL: 20 ppm TWA: 10 ppm | - | TWA: 10 ppm TWA: 45 mg/m ³ STEL: 20 ppm STEL: 90 mg/m ³ |

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

Property

Values

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

1300000

| | |
|-----------------------------|--------------------------|
| 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 |
| TOLUENE-2,5-DIAMINE SULFATE 615-50-9 | = 98 mg/kg (Rat) | - | - |
| RESORCINOL 108-46-3 | = 202 mg/kg (Rat) | = 3360 mg/kg (Rabbit) | = 21.3 mg/L (Rat) 1 h |
| p-AMINOPHENOL 123-30-8 | = 375 mg/kg (Rat) | > 8000 mg/kg (Rabbit) > 10 g/kg (Rabbit) | > 5.91 mg/kg (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), 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), 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), 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), 8, II |

IATA

| | |
|-----------------------------|--------------------------|
| 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 |

IMDG

| | |
|-----------------------------|--|
| 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), 8, II, Marine Pollutant |

RID

| | |
|-----------------------------|--|
| 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), 8, II |
| Labels | 8 |

ADR

| | |
|--------------------------------|---|
| 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), 8, II, (E) |
| Labels | 8 |

ADN

| | |
|------------------------------|--|
| 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), 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 |
| RESORCINOL 108-46-3 | 5000 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 |
| RESORCINOL 108-46-3 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 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 |

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