

Issue Date 31-May-2017

Revision Date 31-May-2017

Version 1

**1. IDENTIFICATION**

**Product identifier**

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

**Other means of identification**

**Product Code** A51H080002

**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
Germ cell mutagenicity	Category 2

**Label elements**

**Danger**

**Hazard statements**

Causes skin irritation  
 Causes serious eye damage  
 Suspected of causing genetic defects



**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

**Precautionary Statements - Response**

IF exposed or concerned: 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  
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

**Precautionary Statements - Storage**

Store locked up

**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*
p-AMINOPHENOL	123-30-8	1 - 5*
GLYCERIN	56-81-5	1 - 5*
RESORCINOL	108-46-3	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. CO<sub>2</sub> 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 <sup>3</sup> except stearates of toxic metals	-	-
GLYCERIN 56-81-5	-	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	-
RESORCINOL 108-46-3	STEL: 20 ppm TWA: 10 ppm	-	TWA: 10 ppm TWA: 45 mg/m <sup>3</sup> STEL: 20 ppm STEL: 90 mg/m <sup>3</sup>

**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

<b>Vapor density</b>	No information available
<b>Specific Gravity</b>	.995
<b>Water solubility</b>	No information available
<b>Solubility in other solvents</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	1200000
<b>Dynamic viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

**Other Information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	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**

<b>Product Information</b>	No data available
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin contact</b>	No data available.
<b>Ingestion</b>	No data available.

**Component Information**

Data within this section obtained from international chemical toxicological profiles.

<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
AMMONIUM HYDROXIDE 1336-21-6	= 350 mg/kg ( Rat )	-	-
p-AMINOPHENOL 123-30-8	= 375 mg/kg ( Rat )	> 8000 mg/kg ( Rabbit ) > 10 g/kg ( Rabbit )	> 5.91 mg/kg ( Rat ) 1 h
GLYCERIN 56-81-5	= 12600 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h
RESORCINOL 108-46-3	= 202 mg/kg ( Rat )	= 3360 mg/kg ( Rabbit )	= 21.3 mg/L ( 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**

<b>UN/ID no.</b>	UN1760
<b>Proper shipping name</b>	Corrosive liquid, n.o.s.
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>Classification code</b>	C9
<b>Special Provisions</b>	274
<b>Description</b>	UN1760, Corrosive liquid, n.o.s. (AMMONIUM HYDROXIDE), 8, II
<b>Hazard label(s)</b>	8
<b>Limited quantity (LQ)</b>	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**