

SAFETY DATA SHEET

1. Identification

Product identifier	PUREOLOGY COLOUR STYLIST CUTICLE POLISH SHINE SERUM FOR COLOUR-TREATED HAIR
Other means of identification	
SDS number	00-32-058-0
Recommended use	Personal care product used on the hair for cosmetic effect.
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
US Address:	L'Oreal USA Products, Inc 133 Terminal Avenue Clark, NJ 07066 USA
Canadian Address:	L'Oreal Canada 4895 rue Hickmore Ville St-Laurent, H4T 1K5 Canada
Emergency Phone # :	1-800-535-5053 (International: 352-323-3500) In Canada - 1-613-996-6666 (Canutec (*666 Cellular))
For further Information:	1-732-499-2741
Poison Control # :	412-390-3326

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Acute toxicity, inhalation	Category 4
OSHA defined hazards	Not classified.	

Label elements



Signal word	Warning
Hazard statement	Harmful if inhaled.
Precautionary statement	
Prevention	Avoid breathing mist. Use only outdoors or in a well-ventilated area.
Response	If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
CYCLOPENTASILOXANE		541-02-6	27.64
PHENYL TRIMETHICONE		70131-69-0	20

Composition comments This product is formulated such that exposure by inhalation is negligible and is intended for application on the skin only.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Not available.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Avoid breathing mist. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store in a well-ventilated place. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
CYCLOPENTASILOXANE (CAS 541-02-6)	TWA	10 ppm

Exposure limit values

Industrial/Professional Use

Components	Type	Value
CYCLOPENTASILOXANE (CAS 541-02-6)	TWA	10 ppm

Comments: Dow Corning OEL

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical respirator with organic vapor cartridge and full facepiece.

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Wear suitable protective clothing.

Respiratory protection Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Cream.

Color Peach.

Odor Characteristic.

Odor threshold Not available.

pH 5.4 - 6.4

Melting point/freezing point Not available.

Initial boiling point and boiling range > 212 °F (> 100 °C)

Flash point > 212.0 °F (> 100.0 °C) Closed Cup

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Specific gravity Not available.

Solubility(ies)

Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

Other information

Density	0.970 - 1.000 g/cm ³
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information**Information on likely routes of exposure**

Inhalation	Harmful if inhaled.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	No adverse effects due to eye contact are expected.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics
Not available.

Information on toxicological effects

Acute toxicity Harmful if inhaled.

Product	Species	Test Results
PUREOLOGY COLOUR STYLIST CUTICLE POLISH SHINE SERUM FOR COLOUR-TREATED HAIR		

Acute**Inhalation***Mist*

ATEmix

2.335 mg/l

Components	Species	Test Results
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CYCLOPENTASILOXANE (CAS 541-02-6)

Acute**Dermal**

LD50

Rabbit

> 2000 mg/kg bw OECD 402

Inhalation*Aerosol*

LC50

Rat

8.67 mg/L air, 4 h OECD 403

Oral

LD50

Rat

> 5000 mg/kg bw OECD 401

PHENYL TRIMETHICONE (CAS 70131-69-0)

Acute**Dermal**

LD50

Rabbit

> 2000 mg/kg bw OECD 402

Components	Species	Test Results
Inhalation		
<i>Mist</i>		
LC50	Rat	> 0.467 mg/l, 4 h OECD 403
Oral		
LD50	Rat	> 5000 mg/kg bw
* Estimates for product may be based on additional component data not shown.		
Skin corrosion/irritation	No adverse effects due to skin contact are expected.	
Irritation Corrosion - Skin		
CYCLOPENTASILOXANE		OECD 404 Result: Not Irritating Species: Rabbit
PHENYL TRIMETHICONE		OECD 404 Result: Not Irritating Species: Rabbit
Serious eye damage/eye irritation	No adverse effects due to eye contact are expected.	
Irritation Corrosion - Eye		
CYCLOPENTASILOXANE		OECD 405 Result: Not Irritating Species: Rabbit
PHENYL TRIMETHICONE		OECD 405 Result: Not Irritating Species: Rabbit
Respiratory or skin sensitization		
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Skin sensitization		
CYCLOPENTASILOXANE		Buehler Test Result: Not Sensitizing Species: Guinea pig
PHENYL TRIMETHICONE		OECD 406 Result: Not Sensitizing Species: Guinea pig
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Mutagenicity		
CYCLOPENTASILOXANE		Result: In vitro and in vivo tests did not show mutagenic effects.
PHENYL TRIMETHICONE		Result: In vitro tests did not show mutagenic effects
Carcinogenicity	Not classifiable as to carcinogenicity to humans.	
IARC Monographs. Overall Evaluation of Carcinogenicity	Not listed.	
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not regulated.	
US. National Toxicology Program (NTP) Report on Carcinogens	Not listed.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
Developmental effects		
PHENYL TRIMETHICONE		> 1000 mg/kg bw/d OECD 471, No effects on development Result: NOAEL Species: Rat
Reproductivity		
CYCLOPENTASILOXANE		> 160 ppm EPA OPPTS 870.3800, Vapor Result: NOAEL Species: Rat
Specific target organ toxicity - single exposure	Not classified.	

Specific target organ toxicity - repeated exposure Not classified.

CYCLOPENTASILOXANE	> 1600 mg/kg bw/d OECD 407, Oral Result: NOAEL Species: Rat
PHENYL TRIMETHICONE	1000 mg/kg bw/d OECD 408, Oral Result: NOAEL Species: Rat
CYCLOPENTASILOXANE	Test Duration: 90 d 160 ppm OECD 412, Inhalation Result: NOAEL Species: Rat 1600 mg/kg bw/d OECD 410, Dermal Result: NOAEL Species: Rat

Aspiration hazard Not an aspiration hazard.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
PHENYL TRIMETHICONE (CAS 70131-69-0)		
Aquatic		
Other	EC50	Activated sludge of a predominantly domestic sewage
		> 1000 mg/l, 3 h

* Estimates for product may be based on additional component data not shown.

Persistence and degradability

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)	
CYCLOPENTASILOXANE	5.2

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code Not regulated.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

FINISHED GOODS

Not regulated as dangerous goods.

BULK

Not regulated as dangerous goods.

IATA

FINISHED GOODS

Not regulated as dangerous goods.

BULK

Not regulated as dangerous goods.

IMDG**FINISHED GOODS**

Not regulated as dangerous goods.

BULK

Not regulated as dangerous goods.

15. Regulatory information**US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Hazard categories**

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

16. Other information, including date of preparation or last revision**Issue date**

05-14-2018

Version #

01

NFPA ratings

Health: 2
Flammability: 1
Instability: 0

Disclaimer

Pureology cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.