

1. Identification

Product identifier CERAVE THERAPEUTIC HAND CREAM

Other means of identification

SDS number 00-51-0000674

Recommended use Personal care product used 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 Not classified.

OSHA defined hazards Not classified.

Label elements

Hazard symbol None.

Signal word None.

Hazard statement The mixture does not meet the criteria for classification.

Precautionary statement

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

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	< 19

Chemical name	Common name and synonyms	CAS number	%
NIACINAMIDE		98-92-0	≤ 2
PHENOXYETHANOL		122-99-6	≤ 1

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
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	Treat symptomatically.
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 (CO ₂).
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. 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 prolonged exposure. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. 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	Wear safety glasses with side shields (or goggles).		
Skin protection			
Hand protection	Wear appropriate chemical resistant gloves.		
Other	Wear suitable protective clothing.		
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.		
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	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 212 °F (> 100 °C)
Flash point	> 212.0 °F (> 100.0 °C)
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	
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	Prolonged inhalation may be harmful.
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 Not known.

Components	Species	Test Results
CYCLOPENTASILOXANE (CAS 541-02-6)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg bw OECD 402
Inhalation		
<i>Aerosol</i>		
LC50	Rat	8.67 mg/L air, 4 h OECD 403
Oral		
LD50	Rat	> 5000 mg/kg bw OECD 401
NIACINAMIDE (CAS 98-92-0)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg OECD 402
Inhalation		
<i>Aerosol</i>		
LC50	Rat	> 3.8 mg/l, 4 h OECD 436
Oral		
LD50	Rat	> 2500 mg/kg OECD 423
PHENOXYETHANOL (CAS 122-99-6)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2214 mg/kg bw
Inhalation		
<i>Aerosol</i>		
LC50	Rat	> 1000 mg/m ³ , 6 Hours OECD 412
Oral		
LD50	Rat	1840 mg/kg bw OECD 401

* 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

NIACINAMIDE

OECD 404

Result: Not Irritating

Species: Rabbit

PHENOXYETHANOL

OECD 404

Result: Not Irritating

Species: Rabbit

Serious eye damage/eye irritation No adverse effects due to eye contact are expected.

Irritation Corrosion - Eye

NIACINAMIDE

OECD 405

Result: Irritating

Species: Rabbit

PHENOXYETHANOL

OECD 405

Result: Irritating

Species: Rabbit

CYCLOPENTASILOXANE

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.

Sensitization

PHENOXYETHANOL

OECD 406

Result: Not Sensitizing

Species: Guinea pig

Skin sensitization

CYCLOPENTASILOXANE

Buehler Test

Result: Not Sensitizing

Species: Guinea pig

NIACINAMIDE

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.

NIACINAMIDE

Result: In vitro and in vivo tests did not show mutagenic effects.

PHENOXYETHANOL

Result: In vitro and in vivo 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

PHENOXYETHANOL

1000 mg/kg bw/d OECD 414, Oral

Result: NOAEL

Species: Rat

NIACINAMIDE

50 mg/kg bw/d OECD 414, No effects on development

Result: NOAEL

Species: Rabbit

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
160 ppm OECD 412, Inhalation
Result: NOEAC
Species: Rat
1600 mg/kg bw/d OECD 410, Dermal
Result: NOAEL
Species: Rat

NIACINAMIDE

215 mg/kg bw/d OECD 407, Oral
Result: NOAEL
Species: Rat
Test Duration: 28 d

PHENOXYETHANOL

48.2 mg/m³ OECD 412, Inhalation
Result: NOAEC
Species: Rat
500 mg/kg bw/d OECD 411, Dermal
Result: NOAEL
Species: Rabbit
700 mg/kg bw/d OECD 408, Oral
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
CYCLOPENTASILOXANE (CAS 541-02-6)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Pseudokirchneriella subcapitata	> 12 µg/l, 96 h OECD 201
Crustacea	EC50	Daphnia magna	> 2.9 µg/l, 48 h OECD 202
Fish	LC50	Oncorhynchus mykiss	> 16 µg/l, 96 h OECD 204
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	> 15 µg/l, 21 d OECD 211
Fish	NOEC	Oncorhynchus mykiss	> 14 µg/l, 90 d OECD 210
Other	EC50	Activated sludge of a predominantly domestic sewage	> 2000 mg/l, 3 h EU C.11
NIACINAMIDE (CAS 98-92-0)			
Aquatic			
<i>Acute</i>			
Algae	IC50	Desmodesmus subspicatus	> 1000 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	> 1000 mg/l, 24 h OECD 202
Fish	LC50	Poecilia reticulata	> 1000 mg/l, 96 h OECD 203
Other	NOEC	Pseudomonas putida	4235 mg/l, 18 h OECD 209
PHENOXYETHANOL (CAS 122-99-6)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	> 500 mg/l, 72 h DIN 38412, Pt. 9

Components		Species	Test Results
Crustacea	EC50	Daphnia magna	> 500 mg/l, 48 h OECD 202
Fish	LC50	Pimephales promelas	344 mg/l, 96 h
Other	EC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 30 min OECD 209

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

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

CYCLOPENTASILOXANE	0.14 % OECD 310 Result: Not Readily Biodegradable
NIACINAMIDE	96 % OECD 301 E Result: Readily Biodegradable Test Duration: 28 d
PHENOXYETHANOL	90 % OECD 301 F Result: Readily Biodegradable Test Duration: 28 d

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

CYCLOPENTASILOXANE	5.2
NIACINAMIDE	-0.37
PHENOXYETHANOL	-0.38 OECD 107
	1.16

Bioconcentration factor (BCF)

NIACINAMIDE	3.162
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Bioaccumulation

NIACINAMIDE	Result: Bioaccumulation is unlikely.
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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.
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 not known to be 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)

PHENOXYETHANOL (CAS 122-99-6) 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 - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
PHENOXYETHANOL	122-99-6	≤ 1

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

PHENOXYETHANOL (CAS 122-99-6)

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 01-04-2019

Version # 01

NFPA ratings Health: 0
Flammability: 1
Instability: 0

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.