

SAFETY DATA SHEET ISSUANCE DATE: October 13, 2017

SDS # 00-51-356-0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

L'Oreal USA Products, Inc. 133 Terminal Avenue Clark, NJ 07066

L'Oreal Canada 4895 rue Hickmore Ville St-Laurent, H4T 1K5 Canada Emergency Telephone Number: 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 Number: 412-390-3326

Product Name: CeraVe Facial Moisturizing Lotion SPF 25

Recommendations on use: Personal care product used on the skin for cosmetic effect and sun protection.

Restrictions on use: For external use only. Use only as directed.

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: NONE

Symbol	Classification	Hazard Statement	Prevention Statements
No Symbol Required	NON-HAZARDOUS	NONE	NONE

This material is not considered hazardous by the U.S. Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200)

General Precautionary Statements: Keep out of reach of children. Read label before use.

Hazards Not Otherwise Classified: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Only hazardous constituents associated with the product are listed below

<u>INGREDIENT:</u> Glycerin Niacinamide Silica	<u>CAS NO.</u> 56-81-5 98-92-0 7631-86-9 / 112945-52-5	<u>% WT</u> ≤ 7.0% ≤ 4.0% ≤ 3.0%
Active ingredients listed below not contribution	uting to hazard:	
Homosalate	118-56-9	≤ 10.0%
Octocrylene	6197-30-4	≤ 7.0%
Octisalate	118-60-5	≤ 5.0%
Avobenzone	70356-09-1	≤ 3.0%
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SECTION 4: FIRST AID MEASURES

Response Statements:

IF IN EYES: If eye irritation occurs: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing until material is sufficiently removed from the eye. **If eye irritation persists:** Get medical advice/attention.

IF ON SKIN: If skin irritation occurs: Wash with plenty of water. **If skin irritation persists:** Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep in a position comfortable for breathing. Call a Poison Control Center if you feel unwell.

IF SWALLOWED: Do not induce vomiting. Never give anything by mouth to an unconscious individual. Consult a physician or Poison Control Center immediately.

SYMPTOMS/EFFECTS: None expected.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Consult product labeling. No special advice.

SECTION 5: FIRE-FIGHTING MEASURES

Notes for Non-Emergency Personnel:

EXTINGUISHING MEDIA: In case of fire: Use carbon dioxide, dry chemical, foam and/or water spray to extinguish. Selection of a fire extinguisher should also be appropriate to address the location of the fire and equipment involved. Please review the tools available at your location to ensure proper availability of equipment.

Notes for those trained to participate in an emergency:

SPECIAL FIRE FIGHTING PROCEDURES: Follow National Fire Protection Association Guidelines or local guidelines appropriate for emergency response.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None required.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal degradation may produce oxides of carbon, hydrocarbons, and/or derivatives.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Notes for non-emergency personnel:

Consult trained response personnel for clean-up of large spills or locations where providing preliminary control of the chemical release is hazardous. Hazardous locations include areas where ignition sources cannot be controlled. Isolate the area and deny entry to unnecessary and unprotected personnel. Sections 2, 5, 7 and 8 of this document should be consulted upon use of material, to become knowledgeable of the material's hazards and how to control associated risks.

If the location is not hazardous and only a small amount of material is released, control the spill using absorbent pads while wearing the protective equipment as noted below. Clean the area with detergent and water. Prohibit discharge to drains, soil, surface and ground waters. Dispose in accordance with Section 13 of this document.

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Product Name: CeraVe Facial Moisturizing Lotion SPF 25

PERSONAL PROTECTIVE EQUIPMENT: Nitrile or vinyl gloves, safety glasses/goggles, protective clothing (e.g. apron) may be required for clean-up of large spills. Respiratory protection is typically not necessary, but may be used depending upon the size of the spill and occupational exposure limits. Respiratory protection may include the use of organic vapor cartridges. Refer to Section 8 for additional information.

Notes for those trained to participate in an emergency:

ACCIDENTAL RELEASE MEASURES: Dike and contain the free liquid and absorb on vermiculite or spill pillows/pads. Solidified materials should be placed in sturdy containers for disposal. Place spill residual in appropriate containers for disposal. Wash area completely with water. Avoid contact with wet surfaces or walkways that may become slick when residue is present. Prohibit discharge to drains, soil, surface and ground waters.

Recommendations for personal protective equipment selection are noted above. Dispose in accordance with section 13 of this document.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Do not eat, drink or smoke while working with chemical materials. Employees should be advised to wear appropriate protective equipment in the manufacturing environment. See section 8 of this document for protective equipment selection. All manufacturing should be performed indoors, in an enclosed environment.

Maintain a clean work environment which includes use of properly functioning containers, proper housekeeping practices.

CONDITIONS FOR SAFE STORAGE:

Storage precautions for unpackaged product (manufacturing environment): Store in a well-ventilated place and keep cool. Keep containers closed when not in use. Store where releases can easily be contained.

Storage precautions for packaged product: See consumer packaging.

Keep away from open drains and access to the environment.

Incompatible materials: None known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: These criteria have been published by the referenced authority to establish exposure limits in the work environment. Employee work areas should be monitored to ensure that permissible limits are not exceeded during the work day. <u>These references do not coincide with product use</u>. These references are meant to be in association with the manufacturing environment.

OCCUPATIONAL EXPOSURE VALUES:

Component Name (CAS-No.)	Reference	TWA		STEL/CEILING	
		ppm	mg/m³	ppm	mg/m ³
Silion Amorphous	OSHA PEL	20 mppcf			
Silica, Amorphous (112926-00-8)	ACGIH TLV				
(112920-00-8)	NIOSH REL		6		
Chucarin (miat)	OSHA PEL		15*/5**		
Glycerin (mist) 56-81-5	ACGIH TLV				
50-81-5	NIOSH REL				

Notes: mppcf – Million particles per cubic foot *(OSHA) – Total Dust *(NIOSH) – Total Dust **(OSHA) – Respirable fraction



**(NIOSH)- Respirable fraction

No occupational exposure values have been published for other constituents noted in Section 3.

WORK HYGIENIC PRACTICES: Ensure all work surfaces are maintained, to prevent contamination.

ENGINEERING CONTROLS: None required for product use. For handling large quantities of material, such as in the manufacturing of product, ventilation should be utilized. Exhaust ventilation should be utilized to maintain air concentrations of material below the occupational exposure guidelines noted above.

Local exhaust ventilation is not typically required for product use. For handling large quantities of material, such as in the manufacturing of product -- Local Exhaust: Explosion proof. Mechanical (general): Explosion proof.

PERSONAL PROTECTIVE EQUIPMENT: Consistent with good hygiene practices, personal protective equipment (PPE) should be used in conjunction with other control measures including engineering controls, ventilation and isolation. See also Section 5 of this document for PPE advice, in the event of an emergency.

Eye/Face Protection (Non-Emergency): None required for product use. For handling of large quantities of liquid material, safety glasses with side shields/goggles are recommended.

Skin Protection (Non-Emergency): None required for product use. For handling large quantities of material, such as in product manufacturing, nitrile or vinyl gloves should be considered for use. Tyvek clothing may also be suitable for handling large quantities of material in the manufacturing environment.

Respiratory Protection (Non-Emergency): Respiratory protection is not required for product use. For manufacturing of product, respiratory protection may be considered. Ensure that the respirator meets current local occupational health and safety standards.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Cream - White		
ODOR:	Neutral		
ODOR THRESHOLD:	Not Available		
pH:	5.1 – 5.7		
MELTING/FREEZING POINT:	F: Not Available	C: Not Available	
BOILING POINT:	F: > 212	C: > 100	
FLASH POINT:	F: > 212	C: > 100	METHOD USED: Closed cup
EVAPORATION RATE:	Not Available	(Butyl acetate =	: 1)
FLAMMABILITY:	Not Applicable t	o Liquids	
FLAMMABLE LIMITS IN AIR:	Not Applicable		
VAPOR PRESSURE (mmHg):	@ F: Not Avai	lable @ C: Not	Available
VAPOR DENSITY (AIR = 1):	@ F: Not Avai	lable @ C: Not	Available

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RELATIVE DENSITY (H2O = 1):	Not Available
SOLUBILITY IN WATER:	Not Available
PARTITION COEFFICIENT:	Not Available
AUTOIGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VISCOSITY:	Not Available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Material is not considered reactive under typical handling and storage conditions.

STABILITY: Product is stable.

POSSIBILITY OF HAZARDOUS REACTIONS: None known. Hazardous polymerization is not expected to occur.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal degradation may produce oxides of carbon, hydrocarbons, and/or derivatives.

SECTION 11: TOXICOLOGICAL INFORMATION

Where information is not listed specifically for constituents, published information was not available.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS: SKIN CORROSION/IRRITATION: None expected SERIOUS EYE DAMAGE/IRRITATION: None expected RESPIRATORY/SKIN SENSITIZATION: None expected INGESTION: Harmful if swallowed INHALATION: None expected

ROUTES OF EXPOSURE: Inhalation, eyes, skin, ingestion

SYMPTOMS: None expected

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

ACUTE TOXICOLOGY DATA FOR COMPONENTS

Material	Route	Species	Test Results
Glycerin	Oral LD50	Rat	27,200 mg/kg bw
Glycerin	Dermal LD50	Rabbit	> 18,700 mg/kg bw
Glycerin	LC ₅₀ (1h)	Rat	> 570 mg/m ³ air
Silica	Oral LD ₅₀	Rat	> 5,000 mg/kg bw

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Silica	Dermal LD ₅₀	Rabbit	> 5,000 mg/kg bw
Niacinamide	Oral LD ₅₀	Rat (OECD 423)	> 2,500 mg/kg bw
Niacinamide	Dermal LD ₅₀	Rabbit (OECD 402)	> 2,000 mg/kg bw
Niacinamide	LC ₅₀ (4h)	Rat (OECD 436)	3.8 mg/L air
Silica	LC ₀ (4hr)	Rat	> 0.139 mg/L air
Homosalate	Oral LD ₅₀	Rat (OECD 401 eq.)	> 5,000 mg/kg bw
Homosalate	Dermal LD ₅₀	Rabbit (OECD 402 eq.)	> 5,000 mg/kg bw
Octocrylene	Oral LD ₅₀	Rat (OECD 401)	> 5,000 mg/kg bw
Octocrylene	Dermal LD ₅₀	Rat (OECD 402)	> 2,000 mg/kg bw
Octisalate	Oral LD ₅₀	Rat (OECD 401 eq.)	> 5,000 mg/kg bw
Octisalate	Dermal LD ₅₀	Rat (OECD 402)	> 5,000 mg/kg bw
Avobenzone	Oral LD ₅₀	Rat (OECD 401 eq.)	> 16,000 mg/kg bw
Avobenzone	Dermal LD ₀	Rat (OECD 402 eq.)	1,000 mg/kg bw

Skin Corrosion/Irritation:

04)
04 eq.)

Serious Eye Damage/Irritation:

Glycerin:	Not Irritating (Rabbit)
Niacinamide:	Irritating (Rabbit, OECD 405)
Silica:	Not Irritating (Rabbit)
Homosalate:	Not Irritating (Rabbit, OECD 405)
Octocrylene:	Not Irritating (Rabbit, OECD 405)
Octisalate:	Slightly Irritating (Rabbit, OECD 405)
Avobenzone:	Not Irritating (Rabbit, OECD 405 eq.)

Respiratory Irritation:

Niacinamide:	May cause irritation
Silica:	Irritating (Rabbit)

Skin Sensitization:

Glycerin: Niacinamide: Silica: Homosalate: Octocrylene: Octisalate: Avobenzone: Not Sensitizing (Guinea Pig) Not Sensitizing (Guinea Pig, OECD 406) Not Sensitizing (Guinea Pig) Not Sensitizing (Guinea Pig, OECD 406 eq.) Not Sensitizing (Guinea Pig, OECD 406) Not Sensitizing (Guinea Pig, OECD 406) Not Sensitizing (Guinea Pig, OECD 406)

CHRONIC HEALTH HAZARDS:

REPEAT DOSE TOXICITY:

NOAEL (Glycerin, oral): 8,000 mg/kg bw/d (2yr) (Rat) NOAEL (Glycerin, inhalation): 167 mg/m³ air (90d) (Rat, OECD 413 eq.) NOAEL (Niacinamide, oral): 215 mg/kg bw/d (28d) (Rat, OECD 407) NOAEL (Homosalate, Oral): 300 mg/kg bw/d (90d) (Rat, OECD 422) NOAEL (Octocrylene, Oral): 175 mg/kg bw/d (90d) (Rat, OECD 408)

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NOAEL (Octisalate, Oral): 250 mg/kg bw/d (28d) (Rat – M, OECD 421) NOAEL (Avobenzone, Oral): 450 mg/kg bw/d (90d) (Rat, OECD 408 eq.) NOAEL (Avobenzone, Dermal): 360 mg/kg bw/d (21d) (Rabbit, OECD 410 eq.)

CARCINOGENICITY:

Component Name (CAS-No.)	OSHA	ACGIH	NTP	IARC
Silica, Amorphous (Various)				IARC-3

Notes: IARC-3 – This reference indicates that the material is "Unclassifiable as to Carcinogenicity in Humans"

MUTAGENICITY:

Glycerin:	A variety of <i>in vitro</i> tests have produced negative results.
Niacinamide:	A variety of <i>in vitro</i> tests have produced negative results.
Silica:	A variety of in vitro tests have produced negative results.
Homosalate:	A variety of <i>in vitro</i> tests have produced negative results.
Octocrylene:	A variety of <i>in vitro</i> and <i>in vivo</i> tests have produced negative results.
Octisalate:	A variety of <i>in vitro</i> and <i>in vivo</i> tests have produced negative results.
Avobenzone:	A variety of <i>in vitro</i> and <i>in vivo</i> tests have produced negative results.

REPRODUCTIVE TOXICITY:

Glycerin:	NOAEL: 2,000 mg/kg/day (Rat) – No effects on fertility
Silica:	NOAEL: 497 mg/kg bw (OECD 415) – No effects on fertility
Octisalate:	NOEL: 25 mg/kg bw/d (Rat, OECD 421)

DEVELOPMENTAL TOXICITY/TERATOGENICITY:

Glycerin:	NOAEL: 1,310 mg/kg/day (Rat) – No effects on development
Niacinamide:	NOEL: 50 mg/kg bw/d (Rabbit, OECD 414) – No effects on development
Silica:	NOAEL: 1,350 mg/kg bw (OECD 414) – No effects on development
Homosalate:	NOAEL: 300 mg/kg bw/d (Rat, OECD 422)
Octocrylene:	NOAEL: 1,000 mg/kg bw/d (Rat, OECD 414)
Octisalate:	NOEL: 80 mg/kg bw/d (Rat, OECD 421)
Avobenzone:	NOAEL: 1,000 mg/kg bw/d (Rat, OECD 414 eq.) – No effects development

SECTION 12: ECOLOGICAL INFORMATION

Contact with the environment should be avoided. Spills and leaks should be immediately cleaned up and removed. All precautions should be taken to prevent contact with the environment. Published information regarding ingredients listed on this document area found below; where data is not listed, documentation was unavailable.

ACUTE AND PROLONGED TOXICITY TO FISH

INGREDIENT NAME	TEST	RESULT	SPECIES	EXPOSURE
Glycerin	LC ₅₀	54,000 mg/L	Oncorhynchus mykiss	96 h
Niacinamide	LC ₅₀ (OECD 203)	> 1,000 mg/L	Poecilia reticulata	96h
Silica	LC ₅₀ (OECD 203)	> 10,000 mg/L	Danio rerio	96 h
Homosalate	LC ₅₀ (EU Method C.1)	613 mg/L	Danio rerio	96 h
Octocrylene	LC ₅₀ (DIN 38412, Pt15)	> 10,000 mg/L	Leuciscus idus	96 h
Octisalate	LC ₅₀ (OECD 203)	> 82 mg/L	Danio rerio	96 h
Avobenzone	LL ₅₀ (OECD 203)	> 100 mg/L	Cyprinus carpio	96 h



ACUTE TOXICITY TO AQUATIC INVERTEBRATES

INGREDIENT NAME	TEST	RESULT	SPECIES	EXPOSURE
Glycerin	EC ₅₀	> 10,000 mg/L	Daphnia magna	24 h
Niacinamide	EC ₅₀ (OECD 202)	> 1,000 mg/L	Daphnia magna	24h
Silica	LC ₅₀ (OECD 203)	> 10,000 mg/L	Danio rerio	96 h
Homosalate	EC ₅₀ (EU Method C.2)	> 100 mg/L	Daphnia magna	48 h
Octocrylene	EC ₅₀ (OECD 202)	> 100 mg/L	Daphnia magna	48 h
Octisalate	EC ₅₀ (EU Method C.2)	10 mg/L	Daphnia magna	48 h
Avobenzone	EL ₅₀ (OECD 202)	> 100 mg/L	Daphnia magna	48 h

TOXICITY TO AQUATIC PLANTS

INGREDIENT NAME	TEST	RESULT	SPECIES	EXPOSURE
Glycerin	EC₃	> 10,000 mg/L	Scenedesmus quadricauda	8 d
Niacinamide	IC ₅₀ (OECD 201)	> 1,000 mg/L	Desmodesmus subspicatus	72h
Silica	EC ₅₀ (ISO 8692)	440 mg/L	Scenedesmus capricornutum	72 h
Homosalate	EC ₅₀ (OECD 201)	> 8.9 µg/L	Pseudokirchneriella subcapitata	72 h
Octocrylene	EC ₅₀ (OECD 201)	> 220 mg/L	Desmodesmus subspicatus	72 h
Octisalate	EC50 (OECD 201)	> 11 µg/L	Pseudokirchneriella subcapitata	72 h
Avobenzone	EL ₅₀ (OECD 201)	> 100 mg/L	Pseudokirchneriella subcapitata	96 h

TOXICITY TO MICROORGANISMS

INGREDIENT NAME	TEST	RESULT	SPECIES	EXPOSURE
Glycerin	NOEC	> 10,000 mg/L	Pseudomonas putida	16 h
Niacinamide	EC10 (OECD 209 eq)	4,235 mg/L	Pseudomonas putida	18h
Octocrylene	IC ₅₀ (ISO 8192)	> 10,000 mg/L	Activated sludge	30 min
Octisalate	EC ₅₀ (OECD 209)	> 1,000 mg/L	Activated sludge	N/D
Avobenzone	EC ₅₀ (OECD 209)	> 1,000 mg/L	Activated sludge	3 h

PERSISTENCY AND DEGRADABILITY:

Glycerin:	Readily Biodegradable – 92% (30d) – OECD 301
Niacinamide:	Readily Biodegradable – 96% (28d) – OECD 301 E
Homosalate:	Not Readily Biodegradable – 21% (28d) OECD 301 F
Octocrylene:	Not Readily Biodegradable – 0-10% (28d) OECD 301 F
Octisalate:	Readily Biodegradable – 89% (28d) EU Method C.4-E
Avobenzone:	Not Inherently Biodegradable – 4% (28d) OECD 302 C

BIOACCUMULATIVE POTENTIAL:

Glycerin:	log Pow: -1.76; BCF: 3.162 – Not expected to bioaccumulate
Niacinamide:	log Pow: -0.38; BCF: 3.162 - Not expected to bioaccumulate.
Silica:	Not expected to bioaccumulate
Homosalate:	log Pow: 6.16 – Potential for bioaccumulation
Octocrylene:	log Pow: 6.1 (OECD 117); BCF: 915 (OECD 305) – Potential for bioaccumulation
Octisalate:	log Pow: 6.02 – Potential for bioaccumulation
Avobenzone:	log Pow: 6.1 – Potential for bioaccumulation

SECTION 13: DISPOSAL CONSIDERATIONS

Those responsible for the performance of disposal, recycling or reclamation activities should refer to Section 8 of this document for advice on personal protective equipment and exposure controls.

WASTE DISPOSAL CONTAINERS: Appropriate containers should be utilized which may include fiberboard boxes for products and plastic/lined drums for bulk liquids.

WASTE DISPOSAL METHOD: This product is not considered a federal RCRA hazardous wastes when intended for disposal. Controlled incineration at a licensed waste facility is the recommended technology for treatment and disposal. This material must not be disposed through sewage.

Not Regulated

Not Regulated

RCRA HAZARD CLASS: Not Regulated

Follow all local governmental requirements intended for disposal.

SECTION 14: TRANSPORT INFORMATION

North American Ground Transportation

- IN CONSUMER PACKAGING:
- OTHER THAN CONSUMER PACKAGING: Not Regulated

Transport Via Water

- IN CONSUMER PACKAGING: Not Regulated
- OTHER THAN CONSUMER PACKAGING: Not Regulated

Transport Via Air (Domestic/International)

- IN CONSUMER PACKAGING:
- OTHER THAN CONSUMER PACKAGING: Not Regulated

Please be aware of carrier transport variations before shipping hazardous materials.

SECTION 15: REGULATORY INFORMATION

National Fire Protection Association Codes: Health: 0 Fire: 1 Reactivity: 0 Other: None

Workplace Hazardous Materials Identification System: None

This regulatory information represents the product, in its consumer packaging.

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: This is the first issuance of this document.

Author: Datta Dixit (Corporate Regulatory Services)