

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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

Emergency Telephone Number:
1-800-535-5053 (International: 352-323-3500)
In Canada – 1-613-996-6666 (Canutec) (*666 cellular)

L'Oreal Canada
4895 rue Hickmore
Ville St-Laurent, H4Y 1K5
Canada

For further information:
1-732-499-2741

Poison Control Number: 412-390-3326


Product Name: Kiehl's Ultra Facial Cream SPF 30

Recommendations on use: Personal care product used as a topical skin application for sun protection.

Restrictions on use: For external use only. Use only as directed. Avoid direct contact with eyes. Refer to consumer package labeling for associated sun protection level.

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: WARNING

Symbol	Classification	Hazard Statement	Prevention Statements
	Skin Sensitizer Category 1	May cause an allergic skin reaction	<ul style="list-style-type: none"> Avoid breathing mist/vapors. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves

This material is considered hazardous by the US 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. Direct eye contact may cause watering, stinging or itching eyes.

Hazards Not Otherwise Classified: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Only hazardous constituents associated with the product are listed below

INGREDIENT:	CAS NO.	% WT
Silica	112945-52-5 / 7631-86-9	≤ 1.5%
Capryloyl Salicylic Acid	78418-01-6	≤ 0.1%

Active ingredients listed below not contributing to hazard:

Octocrylene	6197-30-4	≤ 7.0%
Homosalate	118-56-9	≤ 5.0%

Octisalate
Avobenzone

118-60-5
70356-09-1

≤ 5.0%
≤ 3.0%

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 irritation or other symptoms occur.

IF ON SKIN: Wash with plenty of water. **If skin irritation or rash occurs:** Get medical advice/attention. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep 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: May cause an allergic skin reaction. Direct eye contact may cause watering, stinging or itching eyes.

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 for extinction. 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.

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. These references do not coincide with product use. 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/m ³	ppm	mg/m ³
Silica, Amorphous (112926-00-8)	OSHA PEL	20 mppcf			
	ACGIH TLV	--	--	--	--
	NIOSH REL	--	6	--	--

Notes: mppcf – Million particles per cubic foot

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:	Off - White smooth cream
ODOR:	Characteristic
ODOR THRESHOLD:	Not Available
pH:	5.5 – 6.5
MELTING/FREEZING POINT:	F: Not Available C: Not Available
BOILING POINT:	F: Not Available C: Not Available
FLASH POINT:	F: > 212 C: > 100 METHOD USED: Closed cup
EVAPORATION RATE:	< 1 (Butyl acetate = 1)
FLAMMABILITY:	Not Applicable to Liquids
FLAMMABLE LIMITS IN AIR:	Not Applicable
VAPOR PRESSURE (mmHg):	@ F: Not Available @ C: Not Available
VAPOR DENSITY (AIR = 1):	@ F: Not Available @ C: Not Available
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: Direct eye contact may cause watering, stinging or itching eyes.

RESPIRATORY/SKIN SENSITIZATION: May cause an allergic skin reaction.

INGESTION: Harmful if swallowed

INHALATION: None expected

ROUTES OF EXPOSURE: Inhalation, eyes, skin, ingestion

SYMPTOMS: May cause an allergic skin reaction. Direct eye contact may cause watering, stinging or itching eyes.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

ACUTE TOXICOLOGY DATA FOR COMPONENTS

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

Material	Route	Species	Test Results
Silica	Oral LD50	Rat	> 5,000 mg/kg
Silica	Dermal LD50	Rabbit	> 5,000 mg/kg
Silica	LC0 (4hr)	Rat	> 0.139 mg/L
Capryloyl Salicylic Acid	Oral LD ₅₀	Rat (OECD 401)	3,354 mg/kg bw
Capryloyl Salicylic Acid	Dermal LD ₅₀	Rat (OECD 402)	> 2,000 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
Homosalate	Oral LD ₅₀	Rat	> 8,000 mg/kg
Homosalate	Dermal LD ₅₀	Rabbit	> 5,000 mg/kg
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:

Silica: Not Irritating (Rabbit)
Capryloyl Salicylic Acid: Not Irritating (Rabbit, OECD 404)
Octocrylene: Not Irritating (Rabbit, OECD 404)
Homosalate: Not Irritating (Guinea Pig)
Octisalate: Slightly Irritating (Rabbit, OECD 404)
Avobenzone: Slightly Irritating (Rabbit, OECD 404 eq.)

Serious Eye Damage/Irritation:

Silica: Not Irritating (Rabbit)
Capryloyl Salicylic Acid: Corrosive (Rabbit, OECD 405)
Octocrylene: Not Irritating (Rabbit, OECD 405)
Homosalate: Not Irritating (Guinea Pig)
Octisalate: Slightly Irritating (Rabbit, OECD 405)
Avobenzone: Not Irritating (Rabbit, OECD 405 eq.)

Respiratory Irritation:

Silica: Irritating (Rabbit)
Capryloyl Salicylic Acid: Irritating

Skin Sensitization:

Silica: Not sensitizing (Guinea Pig)
Capryloyl Salicylic Acid: Sensitizing (Guinea Pig, OECD 406)
Octocrylene: Not Sensitizing (Guinea Pig, OECD 406)
Homosalate: Not Irritating (Guinea Pig)
Octisalate: Not Sensitizing (Guinea Pig, OECD 406)
Avobenzone: Not Sensitizing (Guinea Pig, OECD 406)

CHRONIC HEALTH HAZARDS:

REPEAT DOSE TOXICITY:

NOEL (Capryloyl Salicylic Acid, Oral): 30 mg/kg bw/d (Local), >100 mg/kg bw/d (Systematic) (28d) (Rat, OECD 407)
 NOEL (Capryloyl Salicylic Acid, Dermal): 2% (Local); > 5% (Systematic); (10d) (Rat, OECD 410)
 NOAEL (Octocrylene, Oral): 175 mg/kg bw/d (90d) (Rat, OECD 408)
 NOAEL (Homosalate, oral, rat): 100 mg/kg bw
 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:

Silica: A variety of *in vitro* tests have produced negative results.
Capryloyl Salicylic Acid: A variety of *in vitro* and *in vivo* tests have produced negative results.
Octocrylene: A variety of *in vitro* and *in vivo* tests have produced negative results.
Homosalate: A variety of *in vitro* tests have produced negative results.
Octisalate: A variety of *in vitro* and *in vivo* tests have produced negative results.
Avobenzone: A variety of *in vitro* and *in vivo* tests have produced negative results.

REPRODUCTIVE TOXICITY:

Silica: NOAEL: 497 mg/kg bw (OECD 415) – No indications of reproductive toxicity in studies
Capryloyl Salicylic Acid: NOEL: >100 mg/kg bw/d (Rat, OECD 421) – No Reproductive Effects
Octisalate: NOEL: 25 mg/kg bw/d (Rat, OECD 421)

DEVELOPMENTAL TOXICITY/TERATOGENICITY:

Silica:	NOAEL: 1,350 mg/kg bw (OECD 414) – No developmental effects
Capryloyl Salicylic Acid:	NOEL: >100 mg/kg bw/d (Rat, OECD 414) – No Developmental Effects
Octocrylene:	NOAEL: 1,000 mg/kg bw/d (Rat, OECD 414)
Octisalate:	NOEL: 80 mg/kg bw/d (Rat, OECD 421)
Avobenzene:	NOAEL: 1,000 mg/kg bw/d (Rat, OECD 414 eq.) – No Developmental Effects

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
Silica	LC ₅₀ (OECD 203)	> 10,000 mg/L	Danio rerio	96 h
Capryloyl Salicylic Acid	LC ₅₀ (OECD 203)	10 - 16 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
Avobenzene	LL ₅₀ (OECD 203)	> 100 mg/L	Cyprinus carpio	96 h

ACUTE TOXICITY TO AQUATIC INVERTEBRATES

INGREDIENT NAME	TEST	RESULT	SPECIES	EXPOSURE
Silica	EC ₅₀ (OECD 202)	> 10,000 mg/L	Daphnia magna	48 h
Capryloyl Salicylic Acid	EC ₅₀ (OECD 202)	26.1 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
Avobenzene	EL ₅₀ (OECD 202)	> 100 mg/L	Daphnia magna	48 h

TOXICITY TO AQUATIC PLANTS

INGREDIENT NAME	TEST	RESULT	SPECIES	EXPOSURE
Silica	EC ₅₀ (ISO 8692)	440 mg/L	Scenedesmus capricornutum	72 h
Capryloyl Salicylic Acid	E ₁ C ₅₀ (OECD 201)	160 mg/L	Desmodesmus subspicatus	72 h
Octocrylene	EC ₅₀ (OECD 201)	> 220 mg/L	Desmodesmus subspicatus	72 h
Octisalate	EC ₅₀ (OECD 201)	> 11 µg/L	Pseudokirchneriella subcapitata	72 h
Avobenzene	EL ₅₀ (OECD 201)	> 100 mg/L	Pseudokirchneriella subcapitata	96 h

TOXICITY TO MICROORGANISMS

INGREDIENT NAME	TEST	RESULT	SPECIES	EXPOSURE
Capryloyl Salicylic Acid	EC ₅₀ (OECD 209)	413 mg/L	Activated sludge	3 h
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
Avobenzene	EC ₅₀ (OECD 209)	> 1,000 mg/L	Activated sludge	3 h

PERSISTENCY AND DEGRADABILITY:

Capryloyl Salicylic Acid:	Inherently Biodegradable – 90% (28d) OECD 302 B
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:

Silica: Not expected to bioaccumulate

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 cardboard boxes for products, metal or plastic drums.

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.

RCRA HAZARD CLASS: Not Regulated

Follow all local governmental requirements intended for disposal.

SECTION 14: TRANSPORT INFORMATION

North American Ground Transportation

- **IN CONSUMER PACKAGING:** Not Regulated
- **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:** Not Regulated
- **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: 2 Fire: 1 Reactivity: 0 Other: None

Workplace Hazardous Materials Identification System: Class D; Division 2, Subdivision B; Skin Sensitization

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: Lalita Vedantam (Corporate Regulatory Services)