

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** LA ROCHE POSAY ANTHELIOS 60 MELT-IN SUNSCREEN MILK  
**Other means of identification**  
**SDS number** 00-54-0000147  
**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	%
ETHANOL		64-17-5	≤ 2

Chemical name	Common name and synonyms	CAS number	%
GLYCERIN		56-81-5	≤ 2

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

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Not available.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

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

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	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.
<b>Environmental precautions</b>	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Avoid prolonged exposure. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in 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. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
ETHANOL (CAS 64-17-5)	PEL	1900 mg/m <sup>3</sup> 1000 ppm	

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value	Form
GLYCERIN (CAS 56-81-5)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.

**US. OSHA Table Z-3 (29 CFR 1910.1000)**

Components	Type	Value	Form
GLYCERIN (CAS 56-81-5)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.

**US. ACGIH Threshold Limit Values**

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
ETHANOL (CAS 64-17-5)	TWA	1900 mg/m3
		1000 ppm

**Biological limit values**

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

**Appropriate engineering controls**

Good general ventilation 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** Applicable for industrial settings only. Wear safety glasses with side shields (or goggles).**Skin protection****Hand protection** Applicable for industrial settings only. Wear appropriate chemical resistant gloves.**Other** Applicable for industrial settings only. Wear appropriate chemical resistant clothing.**Respiratory protection**

Applicable for industrial settings only. 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** Lotion.**Color** White.**Odor** Not available.**Odor threshold** Not available.**pH** 5.2 - 5.8**Melting point/freezing point** Not available.**Initial boiling point and boiling range** > 212 °F (> 100 °C)**Flash point** > 199.4 °F (> 93.0 °C) Closed Cup**Evaporation rate** Not available.**Flammability (solid, gas)** Not applicable.**Upper/lower flammability or explosive limits****Flammability limit - lower (%)** Not available.

<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Alkaline metals.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	No adverse effects due to skin contact are expected.
<b>Eye contact</b>	No adverse effects due to eye contact are expected.
<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Not available.

### Information on toxicological effects

<b>Acute toxicity</b>	Not known.
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Product	Species	Test Results
LA ROCHE POSAY ANTHELIOS 60 MELT-IN SUNSCREEN MILK		

<b>Acute</b>	
<b>Dermal</b>	
ATEmix	97370 mg/kg
<b>Oral</b>	
ATEmix	107300 mg/kg

Components	Species	Test Results
ETHANOL (CAS 64-17-5)		

<b>Acute</b>	
<b>Dermal</b>	
LD50	> 20000 mg/kg

Components	Species	Test Results
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	124.7 mg/l, 4 h OECD 403
<b>Oral</b>		
LD50	Rat	10470 mg/kg OECD 401
GLYCERIN (CAS 56-81-5)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 18700 mg/kg bw
<b>Inhalation</b>		
LC50	Rat	> 570 mg/L air, 1 h
<b>Oral</b>		
LD50	Rat	27200 mg/kg bw
<b>Skin corrosion/irritation</b>	No adverse effects due to skin contact are expected.	
<b>Irritation Corrosion - Skin</b>		
ETHANOL		OECD 404 Result: Not Irritating Species: Rabbit
GLYCERIN		Result: Not Irritating Species: Rabbit
<b>Serious eye damage/eye irritation</b>	No adverse effects due to eye contact are expected.	
<b>Irritation Corrosion - Eye</b>		
ETHANOL		OECD 405 Result: Irritating Species: Rabbit
GLYCERIN		Result: Not Irritating Species: Rabbit
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.	
<b>Skin sensitization</b>		
GLYCERIN		167 mg/m <sup>3</sup> air OECD 413, Inhalation Result: NOAEL Species: Rat Test Duration: 90 d
ETHANOL		OECD 406 Result: Not Sensitizing Species: Guinea pig
GLYCERIN		Result: Not Sensitizing Species: Guinea pig
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Mutagenicity</b>		
ETHANOL		Result: In vitro and in vivo tests did not show mutagenic effects.
GLYCERIN		Result: In vitro and in vivo tests did not show mutagenic effects.
<b>Carcinogenicity</b>	Not classifiable as to carcinogenicity to humans.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Not listed.		
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)</b>		
Not regulated.		
<b>US. National Toxicology Program (NTP) Report on Carcinogens</b>		
Not listed.		
<b>Reproductive toxicity</b>	Possible reproductive hazard.	

<b>Developmental effects</b>	
ETHANOL	> 20000 ppm OECD 414, No effects on development Result: NOAEL Species: Rat
GLYCERIN	1310 mg/kg bw/d, No effects on development Result: NOAEL Species: Rat
<b>Reproductivity</b>	
GLYCERIN	2000 mg/kg bw/d, No effects on fertility Result: NOAEL Species: Rat
ETHANOL	20700 mg/kg bw/d OECD 416, No effects on fertility Result: NOAEL Species: Rat
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
ETHANOL	1730 mg/kg bw/d OECD 408, Oral Result: NOAEL Species: Rat
GLYCERIN	8000 mg/kg bw/d, Oral Result: NOAEL Species: Rat Test Duration: 2 yr
<b>Aspiration hazard</b>	Not an aspiration hazard.
<b>Further information</b>	The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

## 12. Ecological information

<b>Ecotoxicity</b>	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.
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Components	Species	Test Results
ETHANOL (CAS 64-17-5)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Pseudokirchneriella subcapitata 22200 mg/l, 96 h
Crustacea	EC50	Ceriodaphnia dubia 5012 mg/l, 48 h
Fish	LC50	Pimephales promelas 15300 mg/l, 96 h
Other	IC50	Activated sludge of a predominantly domestic sewage > 1000 mg/l, 3 h
<i>Chronic</i>		
Crustacea	NOEC	Daphnia magna 9.6 mg/l, 9 d
Fish	NOEC	Danio rerio 250 mg/l, 120 h OECD 212
GLYCERIN (CAS 56-81-5)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC0	Scenedesmus quadricauda > 10000 mg/l, 192 h
Crustacea	EC50	Daphnia magna 1955 mg/l, 48 h
Fish	LC50	Oncorhynchus mykiss 54000 mg/l, 96 h
Other	NOEC	Pseudomonas putida > 10000 mg/l, 16 h

## Persistence and degradability

### Biodegradability

#### Percent degradation (Aerobic biodegradation)

ETHANOL	84 % Result: Readily Biodegradable Test Duration: 20 d
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**Biodegradability****Percent degradation (Aerobic biodegradation)**

GLYCERIN

OECD 301

Result: Readily Biodegradable

**Bioaccumulative potential****Partition coefficient n-octanol / water (log Kow)**

ETHANOL

-0.31

GLYCERIN

-1.76

**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.

**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.

**Toxic Substances Control Act (TSCA)****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

ETHANOL (CAS 64-17-5)

Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical**

No

**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.**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

ETHANOL (CAS 64-17-5)

Low priority

GLYCERIN (CAS 56-81-5)

Other Flavoring Substances with OSHA PEL's

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

**Issue date** 08-23-2022

**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.