Sorbitan Oleate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 26-Oct-2026
Supersedes: 09-Jul-2025

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Sorbitan Oleate
Synonyms: No data available
INCI Name: Sorbitan Oleate
CAS Number: 1338-43-8
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified.
GHS Labeling: Not classified.
GHS Hazard Pictograms: None.
GHS Hazard Statements: None.
GHS Precautionary Statements: P270: Do not eat, drink or smoke when using this product
P314: Get medical advice/attention if you feel unwell.
P410 + P403: Protect from sunlight. Store in a well-ventilated place.
Potential Health Hazards: Eyes: Not expected to be an irritant.
Inhalation: Not expected be an irritant.
Skin: Not expected to be an irritant.
Ingestion: May cause nausea, vomiting, or diarrhea.

NFPA Ratings (704):

Health	0	Minimal
Flammability	0	Minimal
Reactivity	0	Minimal
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Sorbitan Oleate	1338-43-8	100%	Not Available

4 FIRST AID MEASURES

Eyes: Rinse eyes with water as a precaution.
Inhalation: Remove person to fresh air and keep comfortable for breathing.
Skin: Wash skin with plenty of water.
Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Call a poison center/doctor/physician if you feel unwell.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media (water spray, dry powder, foam, CO^2) for adjacent fire. Do not use a solid water stream as it may scatter and spread fire.
Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Use water spray to cool unopened containers.
Flash Points: > 212 °F (100 °C) [Open cup]
Specific hazards arising from the chemical: Hazardous decomposition products (Carbon Dioxide, Carbon Monoxide) may form in case of fire. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid release into sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up: Evacuate unnecessary personnel. Ventilate spillage area. Stop leak, if safe to do so. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect with non-combustible absorbent material (sand or earth). Dispose of absorbed material in accordance with Federal, State and Local regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Normal handling consistent with good manufacturing practices should be used. Ensure good ventilation of the work station. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Store product in a cool, well-ventilated place, away from heat and sunlight. Always store product in container of same material as original container. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Sorbitan Oleate	Not available	Not available	Not available

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes: Wear safety glasses.

Inhalation: In case of insufficient ventilation, wear suitable respiratory equipment.

Body: Wear suitable protective gloves and clothing.

Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. If you feel unwell, seek medical advice.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid	**Vapor Pressure:**	< 1 mm Hg
Odor:	Mild	**Vapor Density:**	No data available
Odor Threshold:	No data available	**Evaporation Rate:**	No data available
Color:	Amber	**Flammability:**	May burn if exposed to open flames.
Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	No data available
pH:	No data available	**Flash Point:**	> 212 °F (100 °C) [Open cup]
Boiling Point:	No data available	**Specific Gravity:**	No data available
Melting Point:	Pour point	**Water Solubility:**	Insoluble
Relative Density at 20 °C:	1.0	**Auto-Ignition Temperature:**	No data available
Partition Coefficient: n-octanol/water:	No data available	**Decomposition Temperature:**	No data available
Viscosity:	No data available	**Explosive Properties:**	None reported
Oxidizing Properties:	None reported	**Metal Corrosion:**	No data available

10 STABILITY AND REACTIVITY

Reactivity: Non-reactive under recommended conditions of storage, use, and transport.

Chemical Stability: Stable under normal conditions.

Hazardous Polymerization: No data available.

Conditions to Avoid: Direct sunlight, Extreme temperatures.

Incompatible Materials:	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible Hazardous Reactions:	No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral, Dermal, Inhalation):	Not classified.
Skin:	None under normal conditions.
Eyes:	None under normal conditions.
Inhalation:	None under normal conditions.
Ingestion:	(*Rat*, *oral*) LD50: >39,800 mg/kg. No symptom/effects under normal conditions.
Carcinogenicity:	Not classified.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not classified.
Reproductive Toxicity:	Not classified.
Respiratory/Skin Sensitization:	Not classified.
Corrosivity:	No data available.
Aspiration Hazard:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the Aquatic Environment:	
Acute:	Not classified.
Chronic:	Not classified.
Aquatic Vertebrate:	Fish *(No species available)* LC50: > 100 mg/l [Existing Chemical Safety Test of MOE].
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Not rapidly degradable.
Bioaccumulative Potential:	Bioaccumulation is not expected to occur.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Ozone:	Not classified.
Fluorinated Greenhouse Gases:	No.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Do not re-use empty containers. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated material.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated material.
IMDG (International Maritime Dangerous Goods):	Not regulated material.
IATA (International Air Transport Association):	Not regulated material.

ICAO (International Civil Aviation Organization): No data available.

15 REGULATORY INFORMATION

TSCA Registered:	Listed.
Canada (DSL):	Listed.
EU (EINECS):	Listed.
China (IECSC):	Listed.
Australia (AICS):	Listed.
Japan (ENCS):	Listed.
Philippines (PICCS):	Listed.
Korea (KECL):	Listed.
New Zealand (NZIoC):	Listed.

16 OTHER INFORMATION

Revision Date: 26-Oct-2026

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This 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 other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.