

## Sorbitan Oleate

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

Revision Date: 08-28-2015  
Supersedes: 07-11-2014

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Sorbitan Oleate	<b>Distributor:</b>	MakingCosmetics.com Inc.
<b>Synonyms:</b>	SPAN 80, sorbitan monooleate, sorbitan oleate, monodehydrosorbitol monooleate, sorbitan monooleic acid ester; mono-9-octadecenoate	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Sorbitan oleate	<b>Phone/Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	1338-43-8	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	C <sub>24</sub> H <sub>44</sub> O <sub>6</sub>	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified		
<b>GHS Labeling:</b>	Not classified		
<b>GHS Hazard Pictograms:</b>	None		
<b>GHS Hazard Statements:</b>	None		
<b>GHS Precautionary Statements:</b>	None		
<b>Potential Health Hazards:</b>	Eyes: Not irritant. Inhalation: No data available. Skin: Not irritant. Ingestion: No data available.		
<b>NFPA Ratings (704):</b>	<b>Health</b>	0	Minimal
	<b>Flammability</b>	1	Slight
	<b>Reactivity</b>	0	Minimal
	<b>Specific Hazard</b>	n/a	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Sorbitan monooleate ethoxylated	9005-65-6	96%	428.61 g/mol
Polyethylene glycol monooleate	9004-96-0	1%	370.57 g/mol
Water	7732-18-5	3%	18.02 g/mol

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
<b>Inhalation:</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin:</b>	Wash off skin with soap and water. Get medical attention if irritation develops or persists.
<b>Ingestion:</b>	Give 1 or 2 glass of water. If gastrointestinal symptoms develop, consult medical personnel.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	Water spray, dry powder, foam
<b>Special protective equipment &amp; precautions for firefighters:</b>	Firefighters should wear full protective clothing including self-contained breathing apparatus.
<b>Flash Points:</b>	240°C (method: micro-cleveland o.c.)
<b>Specific hazards arising from the chemical:</b>	Heating or fire can release toxic gas

### 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective</b>	See section 8 for recommendations on the use of personal protective equipment.
---	--

**equipment & emergency procedures:**
**Environmental precautions:**
**Methods and material for containment and cleaning up:**

Prevent entry into waterways, sewers, basements or confined areas.

Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Surface may become slippery after spillage. Collect spillage with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** No special precautions required.

**Conditions for safe storage, incl. any incompatibilities:** Do not store in direct sunlight or heat. Keep the container tightly closed and in a dry, cool, well-ventilated place.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Sorbitan oleate	Not determined		

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:** Safety glasses, goggles, or face shield recommended for eye protection.

**Inhalation:** No protective measures necessary. May wear NIOSH approved respiratory protection.

**Body:** Gloves recommended to prevent prolonged skin contact.

**Other:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Physical State:</b>	Liquid	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Fatty odor	<b>Vapor Density:</b>	1.087 g/cm <sup>3</sup> (20° C)
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	Yellow	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	428.61 g/mol	<b>Explosive Limit:</b>	Not available
<b>pH (1% sol. in water)</b>	6.5 (30 g/l)	<b>Flash Point:</b>	280° C
<b>Boiling Point:</b>	Not available	<b>Specific Gravity:</b>	Not available
<b>Melting Point:</b>	Ca. -1° C	<b>Solubility:</b>	Soluble in water and ethanol

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Product is stable
<b>Chemical Stability:</b>	Stable under normal conditions of storage and handling.
<b>Hazardous Polymerization:</b>	Not available
<b>Conditions to Avoid:</b>	Not available
<b>Incompatible Materials:</b>	Not available
<b>Hazardous Decomposition Products:</b>	Not available

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Acute oral toxicity (LD50) >5000 g/kg (rat)
<b>Skin:</b>	Non-irritant
<b>Eyes:</b>	Non-irritant
<b>Respiratory:</b>	Not available
<b>Ingestion:</b>	Not available
<b>Carcinogenicity:</b>	Not available

<b>Teratogenicity:</b>	Not available
<b>Germ Cell Mutagenicity:</b>	Not available
<b>Embryotoxicity:</b>	Not available
<b>Specific Target Organ Toxicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not available
<b>Respiratory/Skin Sensitization:</b>	Not available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	Not available
<b>Aquatic Invertebrate:</b>	Not available
<b>Terrestrial:</b>	Not available
<b>Persistence and Degradability:</b>	Not available
<b>Bioaccumulative Potential:</b>	Not available
<b>Mobility in Soil:</b>	Not available
<b>PBT and vPvB Assessment:</b>	Not available
<b>Other Adverse Effects:</b>	Not 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 container.

**Product 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

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated
<b>IATA (International Air Transport Association):</b>	Not regulated
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	No data available
<b>DSCL (EEC):</b>	This product is not classified according to the EU regulations. Not applicable.
<b>WHMIS (Canada):</b>	Not controlled under WHMIS (Canada)

## 16 OTHER INFORMATION

<b>Revision Date:</b>	08-28-2015
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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 suitability & completeness of such information for his own particular use.