

## Polyglyceryl Oleate

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

Revision Date: 25-May-2021  
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### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Polyglyceryl Oleate  
**Synonyms:** No data available  
**INCI Name:** Polyglyceryl-4 oleate  
**CAS Number:** 9007-48-1  
**Formula:** No data available  
**Product Form:** Liquid  
**Product Use:** Cosmetic use

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

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

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Not classified  
**GHS Labeling:** Not a dangerous substance according to GHS  
**GHS Hazard Pictograms:** None  
**GHS Hazard Statements:** None  
**GHS Precautionary Statements:** None

**Potential Health Hazards:** Eyes: Not expected to be irritant.  
Inhalation: Not expected to be irritant.  
Skin: Not expected to be irritant.  
Ingestion: Not expected to be irritant.

**NFPA Ratings (704):**

Health	1	Slight
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Polyglyceryl-4 oleate	9007-48-1	99.0-100.0%	Not Available
DL-alpha-Tocopherol	59-02-9	0.01%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.  
**Inhalation:** If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.  
**Skin:** Wash thoroughly with soap and water. If irritation develops, seek medical attention.  
**Ingestion:** Rinse mouth and then drink plenty of water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Immediate medical attention required.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperature. Use appropriate media (dry extinguishing media, foam) for adjacent fire. Do not use carbon dioxide.  
**Special protective equipment & precautions for firefighters:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.  
**Flash Points:** >149°C (ASTM D93)  
**Specific hazards arising from the chemical:** Harmful vapors. Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire. Dusty conditions may ignite explosively in the presence of an ignition source. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment & emergency procedures:

Avoid dust formation. 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:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/underground. Notify environmental authorities in case of large leaks.

### Methods and material for containment and cleaning up:

Avoid raising dust.

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

## 7 HANDLING & STORAGE

### Precautions for safe handling:

Closed containers should only be opened in well-ventilated areas. Protection against the fire and explosion: Avoid dust formation. Take precautionary measures against static discharge. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

### Conditions for safe storage, incl. any incompatibilities:

Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component

Polyglyceryl Oleate

### Exposure Limits

Not available

### Basis

### Entity

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:** Tightly fitting safety goggles (chemical goggles).

**Inhalation:** Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator. Provide local exhaust ventilation to control vapors/mists.

**Body:** Chemical resistant protective gloves. Wear protective clothing to minimize contact.

**Other:** Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink, and animal feeding stuffs. Avoid contact with skin and eyes. Remove contaminated clothing. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Liquid  
**Odor:** Ester-like  
**Odor Threshold:** No data available  
**Color:** Amber  
**Molecular Weight:** No data available  
**pH:** No data available  
**Boiling Point:** >149 °C (1013 hPa)  
**Melting Point:** No data available  
**Relative Density @ 25 °C:** 0.99  
**Partition Coefficient: n-octanol/water:** No data available  
**Viscosity:** No data available  
**Oxidizing Properties:** No data available  
**% Volatiles:** <1%

**Vapor Pressure @ 25 °C:** <1.3 hPa  
**Density @ 25 °C:** 0.99 g/cm<sup>3</sup>  
**Evaporation Rate:** No data available  
**Flammability:** No data available  
**Upper/lower Explosive Limit:** No data available  
**Flash Point:** >149 °C (ASTM D93)  
**Specific Gravity:** No data available  
**Solubility in Water:** Dispersible  
**Auto-Ignition Temperature:** No data available  
**Decomposition Temperature:** No data available

**Explosive Properties:** No data available  
**Freezing Point:** No data available

## 10 STABILITY AND REACTIVITY

**Reactivity:** The product may contain explosive fine dust or such dust may be produced by abrasion

<b>Chemical Stability:</b>	during transport or product transfer. Stable under normal conditions.
<b>Hazardous Polymerization:</b>	No data available
<b>Conditions to Avoid:</b>	No data available
<b>Incompatible Materials:</b>	Strong oxidizing agents. No corrosive effect on metal.
<b>Hazardous Decomposition Products:</b>	None known.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available
<b>Skin:</b>	No data available
<b>Eyes:</b>	No data available
<b>Respiratory:</b>	No data available
<b>Ingestion:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No data available
<b>Respiratory/Skin Sensitization:</b>	No data available
<b>Corrosivity:</b>	No data available
<b>Sensitization:</b>	No data available
<b>Irritation:</b>	No data available
<b>Repeated Dose Toxicity:</b>	No data available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	LC50: >100 mg/L (Golden orfe) (DIN 38412 Part 15)
<b>Aquatic Invertebrate:</b>	No data available
<b>Terrestrial:</b>	EC20: >1000 mg/L (180 min) Nominal concentration. (OECD Guideline 209, Activated Sludge, Domestic)
<b>Persistence and Degradability:</b>	Readily biodegradable. >60% (28d) (OECD 301B; ISO 9439; 92/69/EEC, C.4-C, Activated Sludge, Domestic)
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	No data available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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. Recommend crushing, puncturing, or other means to prevent unauthorized use of used containers.

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 as a dangerous good under transport regulations.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated as a dangerous good under transport regulations.
<b>IATA (International Air Transport Association):</b>	Not regulated as a dangerous good under transport regulations.
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated as a dangerous good under transport regulations.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Released/listed
<b>DSCL (EEC):</b>	No data available
<b>WHMIS (Canada):</b>	No data available
<b>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	No data available
<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	No data available
<b>Japanese MITI:</b>	No data available
<b>Philippines PICCS:</b>	No data available
<b>Korea KECL:</b>	No data available
<b>OSHA Hazard Category:</b>	Not hazardous
<b>SARA Hazard Categories (EPCRA 311/312):</b>	Not hazardous

## 16 OTHER INFORMATION

<b>Revision Date:</b>	25-May-2021
<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.