Glyceryl Oleate

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Glyceryl Oleate
Synonyms: Not available
INCI Name: Glyceryl Oleate
CAS Number: 25496-72-4
Formula: C_{21}H_{40}O_{4}
Product Form: Soft solid or Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics.com 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: Eye Irrit. 2, Acute Tox. 4
GHS Signal Word: WARNING

GHS Hazard Pictograms:

GHS Hazard Statements:
- H302: Harmful if swallowed
- H319: Causes serious eye irritation
- H312: Harmful in contact with skin

GHS Precautionary Statements:
- P281: Use personal protective equipment as required

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

NFPA Ratings (704):
- Health: 0 Minimal
- Flammability: 1 Mild
- Reactivity: 0 Minimal
- Specific Hazard: n/a

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glyceryl Oleate</td>
<td>25496-72-4</td>
<td>N/A</td>
<td>356.54</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention if necessary.
Skin: Wash skin with soap and water. Seek medical attention if symptoms occur.
Ingestion: Do not induce vomiting. Drink water. Seek medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media: Foam, Alcohol foam CO2, dry chemical, water.
Special protective equipment & precautions for firefighters:
- Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points: >200°F
Specific hazards arising from the chemical:
- Products of combustion are toxic. Treat as hot oil or fat. If water must be used, use a fog nozzle to avoid spattering of hot material and spread of burning liquid.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective:
See section 8 for recommendations on the use of personal protective equipment.
equipment & emergency procedures: Prevent entry into waterways, sewers, basements or confined areas.
Environmental precautions: Dike and contain spill with inert material (sand, earth, etc). Transfer the solid and/or liquid separately to containers for recovery or disposal.
Methods and material for containment and cleaning up:

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.
Conditions for safe storage, incl. any incompatibilities: Do not store in heat or direct sunlight. Keep containers closed until use.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glyceryl Oleate</td>
<td>N/A</td>
<td>STEL: Short Term Exposure Limit during x minutes.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA: Time Weighted Average over 8 hours of work.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TLV: Threshold Limit Value over 8 hours of work.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REL: Recommended Exposure Limit</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PEL: Permissible Exposure Limit</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Personal Protection:
Eyes: Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation: Appropriate NIOSH approved respiratory protection may be worn.
Body: Gloves and protective clothing should be worn 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance, Physical State</td>
<td>Soft Solid or Liquid</td>
</tr>
<tr>
<td>Odor:</td>
<td>Mild, fatty</td>
</tr>
<tr>
<td>Taste:</td>
<td>Not available</td>
</tr>
<tr>
<td>Color:</td>
<td>Pale yellow</td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>356.54</td>
</tr>
<tr>
<td>pH (1% solution):</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>21°C (70°F)</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper/lower Explosive Limit:</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>.95 @ 25°C</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: None known.
Incompatible Materials: Strong oxidizing agents, acids or bases.
Hazardous Decomposition Products: Thermal decomposition may produce toxic organic vapors/fumes and oxides of carbon.

11 TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity:</td>
<td>Not available</td>
</tr>
<tr>
<td>Skin:</td>
<td>Non Irritant</td>
</tr>
<tr>
<td>Eyes:</td>
<td>Mild Irritant</td>
</tr>
<tr>
<td>Respiratory:</td>
<td>Mild Irritant</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>Mild Irritant</td>
</tr>
<tr>
<td>Carcinogenicity:</td>
<td>Not available</td>
</tr>
<tr>
<td>Teratogenicity:</td>
<td>Not available</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity:</td>
<td>Not available</td>
</tr>
<tr>
<td>Embryotoxicity:</td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Specific Target Organ Toxicity:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Reproductive Toxicity:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Respiratory/Skin Sensitization:</strong></td>
<td>Not available</td>
</tr>
</tbody>
</table>

### 12 ECOLOGICAL INFORMATION

**Ecotoxicity**
- **Aquatic Vertebrate:** Not available
- **Aquatic Invertebrate:** Not available
- **Terrestrial:** Not available
- **Persistence and Degradaibility:** Biodegradable
- **Bioaccumulative Potential:** Not available
- **Mobility in Soil:** Not available
- **PBT and vPvB Assessment:** Not available
- **Other Adverse Effects:** 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

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

### 15 REGULATORY INFORMATION

**TSCA Inventory Status:** Listed as Glyceryl Oleate
**DSCL (EEC):** This product is not classified according to the EU regulations. Not applicable.
**WHMIS (Canada):** Not controlled under WHMIS (Canada)

### 16 OTHER INFORMATION

**Revision Date:** 03-17-2016
**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.

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