

Oleic Acid

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

Revision Date: 15-Apr-2026
Supersedes: 24-Oct-2025

1 PRODUCT & COMPANY IDENTIFICATION

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|----------------------|-------------------|------------------------------------|--|
| Product Name: | Oleic Acid | Distributor: | MakingCosmetics Inc. |
| Synonyms: | No data available | Address: | 10800 231 st Way NE Redmond, WA 98053 (USA) |
| INCI Name: | Oleic acid | Phone / Fax: | 425-292-9502 / 425-292-9601 |
| CAS Number: | 112-80-1 | Web: | www.makingcosmetics.com |
| Formula: | No data available | Emergency Telephone Number: | 1-800-424-9300 (Chemtrec) |
| Product Form: | Liquid | | |
| Product Use: | Cosmetic use | | |

2 HAZARDS IDENTIFICATION

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|--------------------------------------|--|---------|---|---------|--------------|---|---------|------------|---|---------|-----------------|-----|--|
| GHS Classification: | Not classified | | | | | | | | | | | | |
| GHS Labeling: | No labeling applicable. | | | | | | | | | | | | |
| 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: May cause nausea, vomiting, and diarrhea. | | | | | | | | | | | | |
| NFPA Ratings (704): | <table> <tr> <td>Health</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table> | Health | 0 | Minimal | Flammability | 0 | Minimal | Reactivity | 0 | Minimal | Specific Hazard | N/A | |
| Health | 0 | Minimal | | | | | | | | | | | |
| Flammability | 0 | Minimal | | | | | | | | | | | |
| Reactivity | 0 | Minimal | | | | | | | | | | | |
| Specific Hazard | N/A | | | | | | | | | | | | |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS No.</u> | <u>Weight %</u> | <u>Hazard Classification</u> |
|------------------|----------------|-----------------|------------------------------|
| Oleic acid | 112-80-1 | 100% | Not classified |

4 FIRST AID MEASURES

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| 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. Seek medical attention if necessary. |
| Acute/Delayed Symptoms: | None under normal conditions. Treat symptomatically. |

5 FIRE-FIGHTING MEASURES

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| Suitable (and unsuitable) extinguishing media: | No fire hazard. No direct explosion hazard. Use appropriate media (water spray, dry powder, foam, carbon dioxide) for adjacent fire. Do not use a heavy water stream. |
| Special protective equipment & precautions for firefighters: | Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. |
| Flash Points: | 235°F (113°C) |
| Specific hazards arising from the chemical: | Hazardous decomposition products include carbon dioxide and carbon monoxide. See also Stability and Reactivity section. |

6 ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment & emergency procedures: | Evacuate unnecessary personnel. Ventilate spillage area. Stop leak if safe to do so. Absorb spillage to prevent material-damage. 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 liquid release into sewers/public water. Notify environmental authorities in case of large leaks. |
| Methods and material for containment and cleaning up: | Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible, without risk. Take up liquid spill into absorbent material. Dispose of all waste and cleanup materials at an authorized site, in accordance with regulations. |

7 HANDLING & STORAGE

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| Precautions for safe handling: | Ensure good ventilation of the work station. Not expected to present a significant hazard under anticipated conditions of normal use. See section 8 for recommendations on the use of personal protective equipment. |
| Conditions for safe storage, incl. any incompatibilities: | Keep in a cool, well-ventilated place away from heat and direct sunlight. Always store product in container of same material as original container. Keep away from heat and incompatible materials (see section 10 for incompatibilities). |

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u> | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|------------------|------------------------|--------------|---------------|
| Oleic Acid | 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:

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| Eyes: | Safety glasses should be worn. |
| Inhalation: | Ensure good ventilation of the work station. In case of insufficient ventilation, wear suitable respiratory equipment. |
| Body: | Wear protective gloves made of rubber or neoprene and suitable protective clothing. |
| Other: | Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. |

9 PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Liquid | Vapor Pressure at 176 °C: | 1 hPa (1 mmHg) |
| Odor: | No data available | Vapor Density: | No data available |
| Odor Threshold: | No data available | Evaporation Rate: | No data available |
| Color: | Clear and colorless | Flammability: | Not applicable |
| Molecular Weight: | No data available | Upper/lower Explosive Limit: | No data available |
| pH: | No data available | Flash Point: | 235 °F (113 °C) |
| Boiling Point: | 381-382 °F (194-195 °C) | Specific Gravity: | No data available |
| Melting Point: | No data available | Solubility in Water: | No data available |
| Density at 25 °C: | 0.89 g/cm ³ | Auto-Ignition Temperature: | No data available |
| Partition Coefficient: n-octanol/water: | 7.73 Source: ICSC | Decomposition Temperature: | No data available |
| Viscosity: | No data available | Explosive Properties: | None reported |
| Oxidizing Properties: | None reported | Freezing Point: | 55-56 °F (13-14 °C) |

10 STABILITY AND REACTIVITY

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| Reactivity: | The product is non-reactive under normal conditions of use, storage and transport. |
| Chemical Stability: | Stable under normal conditions. |
| Hazardous Polymerization: | No dangerous reactions known under normal conditions of use. |

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| Conditions to Avoid: | None under recommended storage and handling conditions (see section 7). |
| Incompatible Materials: | Strong oxidizing agents and air. |
| Hazardous Decomposition Products: | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11 TOXICOLOGICAL INFORMATION

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| Acute Toxicity: | Not classified under oral, dermal, inhalation acute toxicity. |
| Skin: | No symptoms/effects under normal conditions. |
| Eyes: | No symptoms/effects under normal conditions. |
| Respiratory: | No symptoms/effects under normal conditions. |
| Ingestion: | (Oral, Rat) LD50: 25 g/kg. No symptoms/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 under single or repeated exposure. |
| Reproductive Toxicity: | Not classified. |
| Respiratory/Skin Sensitization: | Not classified. |
| Skin Corrosion/Irritation: | Not classified. |
| Aspiration Hazard: | Not classified. |

12 ECOLOGICAL INFORMATION

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| Ecotoxicity: | The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
| Aquatic Vertebrate: | No data available. |
| Aquatic Invertebrate: | No data available. |
| Terrestrial: | No data available. |
| Persistence and Degradability: | Biodegradable. |
| Bioaccumulative Potential: | No data available. |
| Mobility in Soil: | No data available. |
| PBT and vPvB Assessment: | No data available. |
| Other Adverse Effects: | Not classified under ozone or fluorinated greenhouse gases. |

13 DISPOSAL CONSIDERATIONS

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| 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

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| DOT (Dept. of Transportation, USA): | Not regulated for transport. |
| TDG (Transportation of Dangerous Goods, Canada): | Not regulated for transport. |
| IMDG (International Maritime Dangerous Goods): | Not regulated for transport. |
| IATA (International Air Transport Association): | Not regulated for transport. |
| ICAO (International Civil Aviation Organization): | No data available. |

15 REGULATORY INFORMATION

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| TSCA Inventory Status: | All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. |
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California Prop. 65: This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

PA Right to Know: Oleic acid (CAS Number: 112-80-1)

16 OTHER INFORMATION

Revision Date: 15-Apr-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 suitability & completeness of such information for his own particular use.