

Sunflower Oil, High Oleic

1. Identification

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| FEMA No | |
| CAS No. | 8001-21-6 |
| EC (EINECS) # | |
| Chemical Name | Helianthus annuus (Sunflower) Seed Oil |
| Health | |
| Flammability | May ignite if moderately heated. |
| Reactivity | Stable and not reactive with water. |

2. Fire, Explosion & Reactivity

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|--|---|
| Flash Point | >392F |
| Extinguishing Media | FOG-No CO2-Yes FOAM-Yes DRY-Yes SAND - Yes |
| Dot Classification | |
| Stability | STABLE |
| Flammability Classification | Combustible Liquid – Class III B |
| Fire Fighting | The use of self contained breathing apparatus is recommended for fire fighters. Avoid use of water which may spread fire by dispersing oil. Use water to keep fire exposed containers cool. |
| Unusual Fire and Explosion Hazard | Rags and waste paper containing this material may heat and burn spontaneously. When material presenting a large surface area, such as rags, filter clay, etc., is saturated with Almond Oil Sweet, spontaneous combustion may result. |
| Hazardous Combustible Decomposition Products | Combustion will produce carbon dioxide and probably carbon monoxide. |
| Conditions To Avoid: | High surface area exposure to oxygen can result in polymerization and release of heat. |

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| Incompatibility (Materials to Avoid): | Strong Oxidizing agents |
| Hazardous Polymerization | Will Not Occur |
| Hazardous Decomposition or Products | NONE |

3. Physical Data

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|------------------|---|
| Color & Odor | Liquid oil, clear to pale yellow in color, with a characteristic odor |
| Boiling Point | N/A |
| Melting Point | N/A |
| Vapor Pressure | N/A |
| Vapor Density | N/A |
| Water Solubility | INSOLUBLE |

4. Protection Data

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|-------------|--|
| Respiratory | None should be needed |
| Ventilation | General recommend at least 10 air changes per hour for good room ventilation |
| Skin | NONE |
| Eye | NONE |
| Other | TAKE OFF SOILED OR SOAKED CLOTHING. |

5. Occupational Exposure Limit

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|--|--|
| Threshold Limit | As a liquid – none. As an Oil mist 10 mg/m3 total particulate. |
| Inhalation Health Risks and Symptoms of Exposure | Excessive inhalation of Oil mist may affect the respiratory system. Oil mist is classified as a nuisance particulate by ACGIH. |
| OSHA Permissible Limit | N/A |
| Carcinogen | NO |
| NTP Limit | NO |
| IARC Limit | NO |

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OSHA Limit NO
Carcinogen Notes NONE

6. Health Hazards

Material Type NATURAL VEGETABLE OIL
Health Hazard NON TOXIC
Primary Entry Routes
INHALATION- Move to fresh air
SKIN- Wash with soap and water

Health Hazard
Notes NONE KNOWN

7. Emergency First Aid

Inhalation NOT DANGEROUS
Eye Contact FLUSH WITH WATER. NOT DANGEROUS
Skin Contact NOT DANGEROUS
Sensitive individuals may experience Dermatitis with prolonged exposure of oil on skin
Ingestion NO DANGER BUT CONSULT PHYSICIAN IF COMPLAINTS.
First Aid Notes None

8. Spill, Leakage & Disposal Procedures

Spill Procedures PREVENT ADDITIONAL DISCHARGE. SOAK UP OR ABSORB WITH LIQUID BINDING-MATERIAL, LIKE VERMICULITE OR OTHER ABSORBING MATERIALS. CLEAN AREA WITH DETERGENT.
Waste Disposal OBSERVE ALL FEDERAL, STATE AND LOCAL LAWS CONCERNING HEALTH AND ENVIROMENT. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS

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9. Handling & Shipping Procedures

Handling & Shipping Procedures

NO SPECIAL MEASURE ARE REQUIRED. STORE AWAY FROM FLAME AND FIRE. AVOID EXCESSIVE HEAT.

STORAGE: DO NOT LEAVE CONTAINER OPEN, STORE IN DARK AND COOL SPACE FOR LONGEST SHELF LIFE.

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