



Section 1. Product and Company Identification

Product Name Sunflower Oil - High Oleic
CAS Number 8001-21-6

Parchem - fine & specialty chemicals

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EMERGENCY RESPONSE NUMBER

CHEMTEL

Toll Free US & Canada: 1 (800) 255-3924

All other Origins: 1 (813) 248-0585

Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Not classified as a hazardous substance or mixture according to OSHA Hazard Communication Standard 1910.1200.

Sunflower Oil is Generally Recognized as Safe (GRAS) under US Federal Food, Drug, & Cosmetic Act - 21CFR 182.1

NFPA Rating

Health: 0

Flammability: 1

Reactivity: 0

Section 3. Composition / Information on Ingredients

Common Name Sunflower Oil
Synonym(s) Mid-Oleic Sunflower Oil; High Oleic Sunflower Oil; Sunflower Seed Oil; Helianthus annuus Oil
CAS Number 8001-21-6

COMPONENT	CAS NUMBER	CONCENTRATION
Sunflower Oil, High Oleic	8001-21-6	100%

Section 4. First Aid Measures

Eye Contact: Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact: Wash exposed area. If irritation persists, seek medical attention.

Inhalation: Immediately remove individual to fresh air. Seek medical attention.

Ingestion: If large amount ingested, seek medical attention. Do not induce vomiting.



Section 5. Firefighting Measures

Rags and/or other materials soaked with any solvent oily material may heat and spontaneously combust if exposed to air. Store materials in UL listed or FM approved covered container.

Flash Point: 600°F (315°C)

Extinguishing Media: Foam, Dry Chemical, CO₂ Do not use water.

Fire Fighting Equipment: Firefighters should use self-contained breathing apparatus and wear protective clothing.

Section 6. Accidental Release Measures

Spills or Leaks: Immediately isolate and contain oil. Keep unauthorized personnel away. Ensure adequate ventilation. Do not walk through spilled oil. Wear appropriate personal protection equipment. Eliminate all sources of ignition (no sparks, flame, flares, or smoking).

Small Spills: Absorb with earth, sand, or other non-combustible material. Transfer clean-up materials to a proper covered container for later disposal.

Large Spills: Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements, or confined areas.

Caution: Surfaces may be slippery after spillage. Wear slip-resistant shoes. Oil soaked materials may spontaneously combust. Store in UL listed or FM approved covered container until disposal.

Section 7. Handling and Storage

Handling: Good manufacturing hygiene practices should be followed.

Storage: Store in dry, odor-free environment, away from flame, fire, excessive heat, and strong oxidizers.

Section 8. Exposure Controls / Personal Protection

Eye: Safety glasses or chemical goggles may be worn.

Skin: Gloves should be worn.

Respiratory: None required under normal conditions.

Ventilation: Use adequate ventilation. A mechanical exhaust system may be used.

Other: Slip resistant shoes where spills may occur.

Hygiene Practice: Good manufacturing hygiene practices should be followed.

Exposure Limits: None established

Section 9. Physical and Chemical Properties

Appearance: Translucent, light-yellow liquid

Odor: Bland

Odor Threshold: Not applicable

pH: Not applicable



Melting/Freezing Point: Not applicable
Initial Boiling Point/Range: Not applicable
Flash Point: 600°F (315°C)
Evaporation Rate: Not applicable
Flammability (solid, gas): Not applicable
Upper/Lower Flammability or Explosive Limits: Not applicable
Vapor Pressure: Not available
Vapor Density: > 1 (Air = 1)
Relative Density: Not available
Solubility in Water: Insoluble
Partition Coefficient (n-Octanol/Water): Not applicable
Auto-ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available

Other

Fire Point: 700°F (371°C)
Specific Gravity: 0.92 (H₂O = 1)

Section 10. Stability and Reactivity

Reactivity: No reactivity hazards known
Chemical Stability: Stable under normal conditions
Hazardous Polymerization: Will not occur under normal conditions
Conditions to Avoid: Strong oxidizing agents and alkalis
Incompatible Materials: Strong oxidizing agents and alkalis
Hazardous Decomposition Product: Irritating and/or toxic fumes or gasses during combustion.

Section 11. Toxicological Information

Primary Routes of Entry: Eye, Skin, Ingestion, and Inhalation
Health Effects - Eyes: May cause slight eye irritation
Health Effects - Skin: May cause slight skin irritation
Health Effects - Inhalation: May cause slight irritation
Health Effects - Ingestion: If large amount ingested, seek medical attention. Do not induce vomiting.
Carcinogenicity: Not listed as carcinogenic according to IARC, NTP, or OSHA
Mutagenicity: Product class is non-mutagenic

Section 12. Ecological Information

Ecotoxicity: Not expected to be harmful to aquatic organisms.
Environmental Impact: Biodegradable



Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

DOT: Not regulated as a hazardous material by DOT

IATA: Not regulated as a dangerous good

Section 15. Regulatory Information

US Federal Regulations

US EPA TSCA Inventory List: Yes

CERCLA/SARA Hazardous Substances: Not Applicable

SARA 302 Extremely Hazardous Substances: No

SARA 311/312 Hazardous Chemical: No

SARA 313: No

US State Regulations

CA SB 484: Does not contain any chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

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International Inventories

Country or Region	Inventory Name	On Inventory Y/N*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing & New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals & Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

* A "Yes" indicates that all components comply with the inventory requirements administered by the governing country

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 6/19/2015