

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Name:** Sunflower Oil, High Oleic, USA
Product Code: 300-113X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, Utah 84321 - United States of America
T 435.755.0863 - F 435.755.2108
www.TheSage.com
- 1.4 Emergency Telephone Number**
No additional information available.

SECTION 2: Hazards Identification

2.1 Classification

This chemical is not considered hazardous under the Department of Labor definitions. It is Generally Recognized as Safe (GRAS under Food, Drug, and Cosmetic Act). It does not contain any known hazardous ingredients.

2.2 Label Elements

Emergency Overview

- Appearance: Clear to Slightly Cloudy Oil
- Physical State: Liquid
- Odor: Bland/Odorless

2.3 Hazards Not Otherwise Classified (HNOC)

Not applicable.

2.4 Other Information

Not applicable.

SECTION 3: Composition/Information on Ingredients

3.1 Substance

Synonyms: Sunflower Oil.

Chemical Name	CAS No.	Weight %
Helianthus Annuus (Sunflower) Seed Oil	8001-21-6	100

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek medical attention/advice if symptoms develop.

Skin Contact: Non-irritating to the skin.

Inhalation: Not a direct hazard.

Ingestion: Not a direct hazard.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms: No information available

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Dry chemical, CO₂ or water spray.

Unsuitable: Do not use water jet as this may cause the fire to spread.

5.2 Specific Hazards Arising From the Chemical

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 high oleic sunflower oil, spontaneous combustion may result.

5.3 Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective equipment as needed.

6.2 Environmental precautions

See Section 12 for additional Ecological Information.

6.3 Methods and material for containment and cleaning up

Methods for Containment: Steps to be taken incase material is released or spilled: Dike and contain the spill with inert material (i.e: sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal.

Methods for Cleaning Up: Pick up and transfer to properly labeled containers. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store away from open flames, fire, and excessive heat.

Incompatible Materials: None known based on information supplied.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Guidelines:

OSHA Permissible Exposure:

As an oil mist - 15 mg/m₃ and 5mg/m₃ respirable.

ACGIH Threshold Limit Value:

As an oil mist - 10 mg/m₃

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.

Skin Absorption Health Risk and Symptoms of Exposure:

Sensitive individuals may experience dermatitis after long exposure of oil on skin.

8.2 Appropriate Engineering Controls

Showers, Eyewash Stations, Ventilation Systems.

8.3 Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection:	Wear safety glasses with side shields (or goggles).
Skin/Body Protection:	Wear protective gloves and protective clothing.
Respiratory Protection:	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General Hygiene Considerations:	Handle in accordance with good industrial hygiene and safety practices.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical State:	Liquid
Appearance:	Clear to Slightly Cloudy
Color:	No information available
Odor:	Bland/Odorless
Odor Threshold:	No information available

<u>Property</u>	<u>Values</u>
pH:	No information available
Melting/Freezing Point:	25°F
Boiling Point/Range:	No Information available
Flash Point:	>550°F (Cleveland Open Cup)
Evaporation Rate:	No information available
Flammability (solid, gas):	No information available
Flammability Limit in Air	
Upper Flammability Limit:	No information available
Lower Flammability Limit:	No information available
Vapor Pressure:	No information available
Vapor Density:	Exceeds 1.0
Specific Gravity:	0.920-0.925
Water Solubility:	Insoluble
Solubility in Other Solvents:	No information available
Partition Coefficient:	No information available
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Kinematic Viscosity:	No information available
Dynamic Viscosity:	No information available
Explosive Properties:	No information available
Oxidizing Properties:	No information available

9.2 Other Information

Softening Point:	No information available
Molecular Weight:	No information available
VOC Content (%):	No information available
Density:	No information available
Bulk Density:	No information available
Volatility:	No information available

SECTION 10: Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical Stability

Stable at room temperature under normal conditions.

10.3 Possibility of Hazardous Reactions

Spontaneous combustion can occur. (See Specific Hazards Arising From the Chemical in Section 5.)

Hazardous Polymerization will not occur.

10.4 Conditions to Avoid

Avoid open flames and strong oxidizers or strong bases.

10.5 Incompatible Materials

None known based on information supplied.

10.6 Hazardous Decomposition Products

None known based on information supplied.

SECTION 11: Toxicological Information

11.1 Information on Likely Routes of Exposure

Product Information:	No data available.
Inhalation:	No data available.
Eye Contact:	No data available.
Skin Contact:	No data available.
Ingestion:	No data available.

11.2 Information on Toxicological Effects

Symptoms:	No information available.
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11.3 Delayed, Immediate Effects, Chronic Effects from Short & Long-term Exposure

Sensitization:	No information available.
Germ Cell Mutagenicity:	No information available.
Carcinogenicity:	No information available.
Reproductive Toxicity:	No information available.

STOT-Single Exposure: No information available.
STOT-Repeated Exposure: No information available.
Aspiration Hazard: No information available.

11.4 Numerical Measures of Toxicity - Product Information

No information available.

SECTION 12: Ecological Information

12.1 Ecotoxicity

No information available.

12.2 Persistence and Degradability

No information available.

12.3 Bioaccumulation

No information available.

12.4 Other Adverse Effects

No information available.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Do not reuse container.

SECTION 14: Transport Information

14.1 DOT

Not regulated.

SECTION 15: Regulatory Information

15.1 International Inventories

TSCA:	No information available.
DSL/NDSL:	No information available.
EINECS/ELINCS:	No information available.
ENCS:	No information available.
IECSC:	No information available.
KECL:	No information available.
PICCS:	No information available.
AICS:	No information available.

Legend

TSCA:	United States Toxic Substance Control Act Section 8(b) Inventory
DSL/NDSL:	Canadian Domestic Substances List / Non-Domestic Substances List
EINECS/ELINCS:	European Inventory of Existing Commercial Chemical Substances / EU List of Notified Chemical Substances
ENCS:	Japan Existing and New Chemical Substances
IECSC:	China Inventory of Existing Chemical Substances
KECL:	Korean Existing and Evaluated Chemical Substances
PICCS:	Philippines Inventory of Chemicals and Chemical Substances
AICS:	Australian Inventory of Chemical Substances

15.2 US Federal Regulations

No information available.

15.3 U.S. State Regulations

No information available.

SECTION 16: Other Information

Notes:

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.