



# Sunflower Oil, High Oleic, USA

Safety Data Sheet

## 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, UT 84321 - United States of America  
T 435.755.0863 - F 435.755.2108  
[www.TheSage.com](http://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	-

### 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, CO<sub>2</sub> 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/m<sub>3</sub> and 5mg/m<sub>3</sub> respirable.

##### **ACGIH Threshold Limit Value**

As an oil mist - 10 mg/m<sub>3</sub>

##### **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

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

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

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

### 9.2 Other Information

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

<b>Product Information:</b>	No data available.
<b>Inhalation:</b>	No data available.
<b>Eye Contact:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

### 11.2 Information on Toxicological Effects

<b>Symptoms:</b>	No information available.
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### 11.3 Delayed, Immediate Effects, Chronic Effects from Short & Long-term Exposure

<b>Sensitization:</b>	No information available.
<b>Germ Cell Mutagenicity:</b>	No information available.
<b>Carcinogenicity:</b>	No information available.
<b>Reproductive Toxicity:</b>	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

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

#### Legend

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