



# SAFETY DATA SHEET

## 1. Identification

**Product Name:** High Oleic Sunflower Oil

**Recommended use of chemical and restrictions on use:** Cosmetics, Pharmaceuticals

**Chemical family:** Not available

**Name and address of the supplier:** Essential Ingredients, Inc.  
2408 Tech Center Parkway Suite 200  
Lawrenceville, GA, US 30043

**Supplier's telephone number:** (770) 831-9010

**24 Hr. Emergency telephone number:** (800) 424-9300 (CHEMTREC)

## 2. Hazard(s) Identification (Continued)

<b>HMIS:</b>	Health	0
	Flammability	0
	Reactivity	0

Personal Protection

**Label Elements:** No Label Required

**Signal Word:** None required

**Hazard Statement(s):** None required



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**Precautionary Statement(s) Prevention** None

**Precautionary Statement(s) Response** None

**Precautionary Statement(s) Storage** None

**Precautionary Statement(s) Disposal** None

## 3. Composition/Information on Ingredients

Chemical Name	CAS Number	Percent by Weight
High Oleic Sunflower Oil	164250-88-8	100

## 4. First Aid Measures

**Ingestion:** Not dangerous, oils are generally edible.

**Inhalation:** No vapours generated under normal handling conditions.

**Skin Contact:** Wash with soap and water.

**Eye Contact:** Rinse with plenty of water. If discomfort persists, seek medical attention.

**General information-** Get Medical Attention if any discomfort continues.



## 5. Firefighting Measures

<b>Fire/Explosion Hazard:</b>	No information available
<b>Extinguishing Media:</b>	Fire blanket, foam, dry powder and CO <sub>2</sub> .
<b>Unsuitable Extinguishing Material:</b>	Water jet.
<b>Specific Hazards Arising from the Chemical:</b>	Formation of carbon monoxide is possible.
<b>Special Firefighting Procedures:</b>	Suitable respiratory protection.
<b>Special Protective Equipment for Firefighters:</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	No special precautions under normal conditions.
<b>Environmental precautions</b>	Keep away from drains, surface and ground water.
<b>Methods and material for containment and cleaning up.</b>	Physical methods, adsorbent material. Clean with hot water and detergent.
<b>Reference to other sections</b>	See sections 8 and 13.



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### 7. Handling and Storage

**Precautions for Safe Handling:**

Handle with care and avoid spillage on the floor (spillage can cause slipping hazard). Normal working hygiene will suffice.

**Conditions for Safe Storage Including Any Incompatibilities:**

Store in a cool and dry place in the original containers, or store in a tank (preferably stainless steel). No special measures. Bunding or similar precautions are recommended to contain spillage or leaks. Pro-oxidants.

### 8. Exposure Controls/Personal Protection

**Control Parameters:**

**Appropriate Engineering Controls:**

Not applicable for this substance under normal working procedures.

**Personal Protective Equipment (PPE):**

**Eye/Face Protection:**

Use safety glasses/goggles if there is a risk of splashing.

**Skin/Hand Protection:**

No special measures required under normal conditions.

**Respiratory Protection:**

In case of aerosol formation, use dust mask filter.

**Other:** A system of local and / or general exhaust is recommended. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.



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### 9. Physical and Chemical Properties

**Appearance:**

**Physical State:**

Liquid

**Color:**

Yellow

**Odor:**

Neutral

**Odor Threshold:**

Not Determined

**pH**

Not Determined

**Freezing/Melting Point (°C):**

Not Determined

**Boiling Point (°C):**

Not Determined

**Flash Point (°C):**

>300°C

**Evaporation Rate:**

Not Determined

**Flammability:**

Not Flammable

**Upper Explosive Limit (%):**

Not Explosive

**Lower Explosive Limit (%):**

Not Explosive

**Vapor Pressure:**

<0.01 mmHg

**Vapor Density:**

Not Determined

**Relative Density:**

0.90 – 0.93 g/ml

**Solubility in Water:**

Insoluble

**Solubility (Other):**

Not Available

**Partition Coefficient  
(n-Octanol/Water)**

Not Determined

**Auto-ignition Temperature  
(°C):**

Not Determined

**Decomposition  
Temperature (°C):**

Not Determined

**Viscosity:**

60 – 90 cP

**VOC:**

Not Available

**Percent Volatile:**

Not Available

**Specific Gravity**

Not Available



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## 10. Stability and Reactivity

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Generally stable, becomes rancid on prolonged exposure to air.
<b>Possibility of Hazardous Reactions:</b>	Oxidation promoting conditions (heat and UV light).
<b>Conditions to Avoid:</b>	Oxidation promoting conditions (heat and UV light).
<b>Incompatible Materials:</b>	Pro-oxidants.
<b>Hazardous Decomposition Products:</b>	None

## 11. Toxicological Information

<b>Acute oral toxicity (rat)</b>	The substance is a non-toxic vegetable oil of edible quality.
<b>Acute dermal toxicity (rabbit)</b>	No skin irritation, no eye irritation, no sensitization.
<b>Acute inhalation toxicity</b>	None specified
<b>Subchronic oral toxicity (rat)</b>	None specified
<b>Skin irritation (rabbit)</b>	No skin irritation, no eye irritation, no sensitization
<b>Eye irritation (rabbit)</b>	Slight irritation.
<b>Sensitization</b>	No skin irritation, no eye irritation, no sensitisation
<b>Phototoxicity (guinea pig)</b>	Not available
<b>Chronical toxicity</b>	Not available



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### 12. Ecological Information

<b>Toxicity</b>	No information available
<b>Persistence and degradability</b>	Readily biodegradable
<b>Bioaccumulative potential</b>	No bioaccumulation is expected
<b>Mobility in soil</b>	Floats on water. Immobilises by adsorption to soil particles
<b>Results of PBT and vPvB assessment</b>	PBT / vPvB assessment not available as chemical safety assessment not required / not conducted.
<b>Other adverse effects</b>	None

### 13. Disposal Considerations

#### Waste treatment methods

No specific danger. Dispose according to local authority advice. May be burned together with household waste, if this is accepted by the authorities. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

### 14. Transportation Information

<b>DOT Regulation</b>	Not regulated
UN proper shipping name	Not Restricted
Transport hazard class	Not Restricted
Packing group	Not Restricted
Environmental hazards	Not Restricted
Special precautions for user	Not Restricted
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not Restricted

### 15. Regulatory Information



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### US Federal Regulations

**Safety, health, and  
environmental regulations/legislation  
specific for the substance**

**SARA:** **SARA 311/312 Hazards:** None

**US State Regulations:** None

**California Prop 65** No Information available

### Inventory Status:

**Australia (AICS)** N/A

**Canada (DSL/NDSL)** N/A

**China (IECSC)** N/A

**Europe (REACH)** N/A

**Europe (EINEC/ELINCS)** N/A

**Japan (ENCS)** N/A

**Korea (KECI)** N/A

**New Zealand (NZIoC)** N/A

**Philippines (PICCS)** N/A





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Switzerland (SWISS)

N/A

Taiwan (TCSCA)

N/A

### 16. Other Information

#### Source of Information:

No data available

#### Further Information:

The information provided in this safety data sheet is accurate to the best of our knowledge and is valid for the product as supplied. The information is intended for use as a guide for safety measures, and no liability arising out of the use, application or processing of the material is accepted.

#### Disclaimer:

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.