

## MATERIAL SAFETY DATA SHEET

# SAFFLOWER OIL

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** SAFFLOWER OIL  
**Product Use:** Personal Care Formulations  
**Company Name:** Natural Sourcing  
**Company Address:** 341 Christian Street, Oxford, CT 06478, USA  
**Date Issued:** 1/1/2008  
**Emergency Telephone Number:** Chemtrec Tel: (800) 262-8200

### 2. COMPOSITION/INGREDIENT INFORMATION

**Ingredients:**  
Vegetable Oil Triglycerides 100%  
**Hazardous Components:** None  
**CAS #:**

### 3. HAZARDS IDENTIFICATION

**Environmental Hazards:** No known hazards  
**Human Health Hazards:** No known hazards

### 4. FIRST AID MEASURES

**Eyes:** Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.  
**Skin:** Wash with soap and water  
**Ingestion:** No hazard, food grade oil  
**Inhalation:** Remove to fresh air and seek medical attention  
**Medical Conditions Generally Aggravated by Exposure:** None

### 5. FIRE FIGHTING MEASURES

**Flash Point (Method Used):** > 220°C Closed Cup  
**Flammable Limits**  
**LEL:** Not established  
**UEL:** Not established  
**Extinguishing Media:** Dry Chemical, Carbon Dioxide, Foam  
**Special Firefighting Procedures:** Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires.  
**Unusual Fire & Explosion Hazards:** Rags and/or other materials containing this material may heat and spontaneously ignite if exposed to air. Store rags and similar materials in air tight containers. Avoid use of water in

extinguishing oil fires.

#### 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

**Methods for Cleaning Up:** Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

#### 7. HANDLING AND STORAGE

##### Handling

**Safe Handling:** Keep away from sources of ignition and open flames.

##### Storage

**Requirements for Storage Areas and Containers:** Store in a cool, dry location, in a sealed container.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Eye:** Safety glasses should be worn.  
**Skin/Body:** Aprons, gloves should be worn.  
**Respiratory:** Not needed under normal conditions of use.  
**Other:** Evaluate need based on application. Slip proof shoes may be worn where spills may occur.  
**Work/Hygiene Practice:** Normal work and hygiene practices for handling non-hazardous liquid material.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid oil  
**Color:** Clear, pale yellow  
**Odor:** Characteristic, bland, fatty oil  
**pH:** N/A  
**Vapor Pressure (mm Hg.):** N/A  
**Vapor Density (AIR = 1):** >1  
**Boiling Point:** N/A  
**Melting Point:** N/A  
**Auto Ignition Temperature:** N/A  
**Specific Gravity (H<sub>2</sub>O = 1):** 0.915 - 0.919  
**Evaporation Rate:** N/A  
**Solubility in Water:** Insoluble  
**Water Reactive:** No

#### 10. STABILITY AND REACTIVITY

**Stability:** Generally stable, becomes rancid on extended exposure to air.  
**Incompatibility (Materials to Avoid):** Avoid strong oxidizers, acids and alkaline agents  
**Conditions to Avoid:** Excessive heat, sunlight  
**Hazardous Decomposition or Byproducts:** May produce CO and CO<sub>2</sub>  
**Hazardous Polymerization:** Will Not Occur

## 11. TOXICOLOGICAL INFORMATION

<b>Acute Effects of Overexposure:</b>	None established
<b>Chronic Effects of Overexposure:</b>	None established
<b>Medical Conditions Generally Aggravated by Exposure:</b>	None
<b>Irritancy:</b>	Skin: Not expected to be an irritant Eyes: Not expected to be an irritant
<b>Carcinogenicity:</b>	None
<b>Reproductive Toxicity:</b>	N/A
<b>Teratogenicity:</b>	N/A
<b>Mutagenicity:</b>	N/A
<b>Name of toxicologically synergistic products:</b>	N/A

## 12. ECOLOGICAL INFORMATION

<b>Biodegradability:</b>	Readily Biodegradable
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## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods:</b>	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
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## 14. TRANSPORT INFORMATION

<b>DOT Classification:</b>	Not a DOT controlled material (USA). Ship as food stuff, not to be loaded with incompatible materials including poisons.
<b>Class/Division:</b>	Not restricted
<b>Proper Shipping Name:</b>	NA
<b>Label:</b>	None

## 15. REGULATORY INFORMATION

Not Available

## 16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.  
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore 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 however, 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 laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.