



THE SOURCE FOR DOMESTIC
AND IMPORTED OILS

SAFETY DATA SHEET according to GHS

Product: Sunflower Oil

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1. Product and Company Identification

Trade Name: Hi-Linoleic Sunflower Oil / Hi-Oleic Sunflower Oil

Distributor: **Manufacturers:**

Alnor Oil Company, Inc.
70 E. Sunrise Highway
Suite 418
Valley Stream, NY 11581
Tel: (516) 561-6146

CARGILL
NIDERA
MIGASA
TEXTRON

Email: vegoil.source@alnoroil.com

2. Hazard Identification

Emergency Overview - Physical State: Liquid, Color: Yellow-amber, Odor: Mild

Potential Health Effects:

Inhalation: In high concentrations, vapors may be irritating to the respiratory system.
Eye Contact: May cause temporary eye irritation.
Skin Contact: Prolonged contact may cause dryness of the skin.
Ingestion: No harmful effects expected in amounts likely to be ingested by accident.

3. Composition/Information on Ingredients

Chemical Name: Sunflower oil
CAS No.: 8001-21-6 Concentration: >98%

4. First-Aid Measures

Inhalation: If inhaled move to fresh air. If breathing is difficult, give oxygen and get medical attention.
Ingestion: Do not induce vomiting unless directed by medical personnel.
Eye Contact: Check or remove contacts. In case of contacts, immediately flush eyes with water for 15 minutes. Get medical attention if irritation occurs.
Skin Contact: Wash with soap and water. Cover irritated skin with an emollient. Get medical attention if irritation develops.

5. Fire Fighting Measures

Extinguishing Media: Extinguish with alcohol-resistant foam, CO₂, dry powder or water fog.
Special Fire Fighting Procedures: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Unusual Fire and Explosion Hazards: None known.
Hazardous Combustion Products: Carbon oxides.



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6. Accidental Release Measures

Personnel Precaution: Wear appropriate personal protective equipment.
Spill Clean-up Method: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Large Spillages: Flush area with water. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.
Environmental Precautions: Avoid discharge into drains, water courses or onto the ground.

7. Handling and Storage

Handling: See Section 8 of the MSDS for Personal Protective Equipment.
Storage: Store away from incompatible materials.

8. Exposure Controls/Personal Protection

Engineering Controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Personal Protection: Safety glasses or safety goggles.
Exposure Limits: TWA 5 mg/m³
Consult local authorities for acceptable exposure limits.

9. Physical and Chemical Properties

Color: Yellow-amber
Odor: Mild
Physical State: Liquid
Flash Point: >260°C (500°F) (Cleveland Open Cup)
Specific Gravity: 0.91-0.92 (25°C)
Vapor Pressure: <0.05 mmHg @300°C
Vapor Density (Air=1): >1
Solubility in Water: Negligible <5%

10. Stability and Reactivity

Stability: Normally considered stable.
Hazardous Decomposition Products: No data available.
Possibility of Hazardous Reactions: Will not occur.



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11. Toxicological Information

Acute Toxicity: No test data available for the product.
Chronic Toxicity: No additional adverse health effects noted.
Other Acute: Data for surrogate material indicates this product is unlikely to pose a health hazard.

12. Ecological Information

Persistence and Degradability: Not Available.
Ecotoxicity: Not expected to be harmful to aquatic organisms.
Mobility: Not Available.

13. Disposal Considerations

General Information: Do not discharge into drains or waterways.
Waste Disposal: Follow applicable local, state and federal regulations.

14. Transport Information

DOT: Consumer Commodity – Not Regulated.

15. Regulatory Information

HMIS Health Hazards	1	NFPA Health Hazards	1
Flammability	1	Fire Hazards	1
Physical Hazard	0	Instability	0
Personal Protection	NONE	Special Hazard	NONE

Hazard Rating: 0-Minimal, 1-Slight, 2 Moderate, 3-Serious, 4-Severe

16. Other Information

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or corrections.

The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use of disposal of the product.

Date of Preparation: May 2014