



Plant's Power Inc
3-2700 St.Clair Ave west
Toronto, Ontario, M6N 1M2
Contact: 1-416-766-1254

Material Safety Data Sheet Sunflower Seed Oil

Section 1: Product and Company Identification

Product Name: Sunflower Seed Oil

Botanical Name: *Helianthus Annuus*

INCI Name: Helianthus Annuus (Sunflower) Seed Oil

CAS No.: 8001-21-6

Contact information:

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Section 2: Composition and Information on Ingredients

Composition: Sunflower Seed Oil, 8001-21-6, 100%

Toxicological Data on Ingredients: Not applicable

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Non-hazardous in case of ingestion.

Potential Chronic Health Effects: Carcinogenic Effects: Not available
Mutagenic Effects: Not available
Teratogenic Effects: Not available
Developmental Effects: Not available

Repeated or prolonged exposure is not known to aggravate medical conditions.

Section 4: First Aid Measures

Eyes:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin:	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation persists.
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as collar, tie, belt or waistband.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Section 5: Fire and Explosion

Flammability of the Product:	May be combustible at high temperature.
Auto-Ignition Temperature:	Not available.
Flash Points:	CLOSED CUP: >287.78°C (550°F).
Flammable Limits:	Not available.
Products of Combustion:	Not available.
Fire Hazards in Presence of Various Substances:	Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.
Explosion Hazards in Presence of Various Substances:	
Risks of explosion of the product in presence of mechanical impact:	Not available.
Risks of explosion of the product in presence of static discharge:	Not available.
Fire Fighting Media and Instructions:	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards:	Not available.
Special Remarks on Explosion Hazards:	Not available.

Section 6: Accidental Release Measures

Small Spill:	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill:	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray.
Storage:	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 25°C (77°F)

Section 8: Exposure Controls/Personal Protection Engineering

Engineering Controls:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection:	Safety glasses. Lab coat.
Personal Protection in Case of a Large Spill:	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits:	Not available

Section 9: Physical and Chemical Properties

Physical state and appearance:	Liquid. (Oily liquid.)
Odor:	Characteristic.
Color:	Yellow. (Light.)
Specific Gravity:	0.9 (Water = 1)
Vapor Density:	>1 (Air = 1)
Solubility:	Insoluble in cold water, hot water.

Section 10: Stability and Reactivity

Stability:	The product is stable.
Instability Temperature:	Not available.
Conditions of Instability:	Heat, incompatible materials
Incompatibility with various substances:	Not available.
Corrosivity:	Not available.
Special Remarks on Reactivity:	Not available.
Special Remarks on Corrosivity:	Not available.
Polymerization:	Will not occur

Section 11: Toxicological Information

Routes of Entry:	Absorbed through skin. Eye contact.
Toxicity to Animals:	LD50: Not available. LC50: Not available.
Chronic Effects on Humans:	Not available.
Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritant), of inhalation. Non-hazardous in case of ingestion.
Special Remarks on Toxicity to Animals:	Not available.
Special Remarks on Chronic Effects on Humans:	Not available.
Special Remarks on other Toxic Effects on Humans:	
Acute Potential Health Effects:	Skin: May cause skin irritation. Eyes: May cause eye irritation. Ingestion: Not considered to be hazardous. Inhalation: Excessive inhalation of oil mist may affect the respiratory system. Oil mist is classified as as nuisance particulate by ACGIH.
Chronic Potential Health Effects:	Skin: Sensitive individuals may experience dermatitis after long exposure of oil on skin.

Section 12: Ecological Information

Ecotoxicity:	Not available.
BOD5 and COD:	Not available.
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation:	Not available.
Special Remarks on the Products of Biodegradation:	Not available

Section 13: Disposal Considerations

Waste Disposal Methods:	Dispose of according to local, state and federal regulations.
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Section 14: Transport Information

DOT Classification:	Not a DOT controlled material (USA).
Identification:	Not applicable.
Special Provision for Transport:	Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Sunflower Seed Oil

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): This product is not classified according to the EU regulations. Not applicable.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: a

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment: Not applicable. Lab coat. Not applicable. Safety glasses.

Section 16: Other Information

Disclaimer:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Plant's Power be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Plant's Power has been advised of the possibility of such damages.
