



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

Material Safety Data Sheet Extra Virgin Olive Oil, Organic

Section 1: Product and Company Identification

Product Name: Extra Virgin Olive oil

CAS No.: 8001-25-0

Synonym: Olive Oil; Vegetable Oil

Chemical Name: Triglyceride of Fatty Acids.

Chemical Formula: Not available.

Contact information:

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Toronto, Ontario
M6N 1M2
Contact: 1-416-766-1254
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Section 2: Composition and Information on Ingredients

Composition: Name CAS No. % by Weight

Olive oil 8001-25-0 100

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 ingestion, of inhalation.

Potential Chronic Health Effects:

Carcinogenic Effects: Not available.

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Developmental Toxicity: Not available.

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

Section 4: First Aid Measures

Eye Contact: 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 Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

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 a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 343°C (649.4°F)

Flash Points: CLOSED CUP: 225°C (437°F).

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

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.

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. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

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. Keep away from incompatibles such as oxidizing agents, acids.
- Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 23°C (73.4°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: TWA: 10 (mg/m³) Total.
Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance:	Liquid.
Odor:	Bland odour
Taste:	Pleasant, delicate flavor; Faintly acrid aftertaste. (Slight.)
Molecular Weight:	Not available.
Color:	Greenish-yellow
pH (1% soln/water):	Not applicable.
Specific Gravity:	0.915 (Water = 1)
Vapor Pressure:	Not available.
Vapor Density:	>1 (Air = 1)
Solubility:	Very slightly soluble in methanol, n-octanol. Insoluble in cold water.

Description: A natural triglyceride oil, cold pressed and filtered.

FATTY ACIDS	Composition	(% m/mmethyl esters)
Palmitic Acid	7.5	20
Palmitoleic Acid	0.3	3.5
Myristic acid	0.01	0.1
Stearic Acid	0.5	5
Oleic Acid	55	83
Linoleic Acid	3.5	21
Arachidic	0.05	0.8
Linolenic Acid	0.5	1.5
Linoleneic acid	0.5	1.0
Arachidic acid	0.01	0.2
Gadolaic acid	0.1	0.5
Behenic acid	0.1	0.2
Lignocenic acid	0.02	0.05
TRANS FATTY ACIDS		
C 18:1	0.03	0.04
C18:2+C18:3	0.03	0.04
Stigmastadiene (mg/kg)	0.03	
Waxes (mg/kg)	109	
Sterols (mg/kg)	1095	
Unsaponifiable matter (g/kg)	13	

Section 10: Stability and Reactivity

Stability:	The product is stable.
Instability Temperature:	Not available.
Conditions of Instability:	Becomes rancid on exposure to air Begins to get turbid at 5 to 10 C
Incompatibility with various substances:	Reactive with oxidizing agents, acids.
Corrosivity:	Non-corrosive in presence of glass.
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 ingestion, of inhalation.
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:	Inhalation: Excessive inhalation of oil mist may affect respiratory system. Oil mist is classified as a nuisance particulate by ACGIH. Ingestion: Generally non-hazardous unless ingested in large quantities. If ingested in large quantities, digestive tract discomfort may be encountered.

Section 12: Ecological Information

Ecotoxicity:	Not available.
BOD5 and COD:	Not available.
Products of Biodegradation:	This material is biodegradable and unlikely to accumulate in the aquatic environment. Discharge of large quantities into the aquatic environment may kill fish by oxygen depletion.
Toxicity of the Products of Biodegradation:	Not available.
Special Remarks on the Products of Biodegradation:	Not available.

Section 13: Disposal Considerations

Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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Section 14: Transport Information

DOT Classification:	Not a DOT controlled material (United States).
Identification:	Not applicable.
Special Provisions for Transport:	Not applicable.

Section 15: Other Regulatory Information

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.
