



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

Material Safety Data Sheet Grape Seed Oil

Section 1: Product and Company Identification

Product Name: Grape Seed Oil

Botanical Name: *Vitis vinifera*

INCI Name: Vitis vinifera (grape) seed oil

CAS No.: 8024-22-4

Synonym: *Vitis vinifera* L., *Vitis vinifera* subsp. *Sylvestris*, *Vitis vinifera* subsp. *vinifera*

Chemical Name: Grape seed oil.

Contact information:

Plant's Power Inc 3-2700 St.Clair Ave west Toronto, Ontario M6N 1M2 Contact: 1-416-766-1254 http://www.PlantPower.ca contactus@plantpower.ca	24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC
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Section 2: Composition and Information on Ingredients

Composition: Grape seed oil is a vegetable oil derived from the seeds of *Vitis vinifera*.

Name: Grape Seed Oil

CAS No.: 8024-22-4

% by Weight: 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.

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

HMIS Ratings: Health – 0

Flammability – 1

Physical Hazard – 0

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

Suitable Extinguishing Media: Foam, Dry Powder, Carbon Dioxide

Unsuitable Extinguishing Media: Water spray, water jet.

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

Resulting Gases: Carbon oxides.

Combustible Products: Hazardous decomposition products may be formed at extreme heat or if burned.

Flash Points: Closed cup >216°C (420°F).

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat.
Non-flammable in presence of shocks.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam, CO₂.
Do not use water jet.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Equip clean crew with proper protection.
Respiratory protection equipment may be necessary.

Environmental precautions:

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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.

Methods and materials for containment and cleaning up:

Clean up any spills as soon as possible, using an absorbent material to collect it.
Use suitable disposal containers.

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.

Storage: Light Sensitive. Store in light-sensitive containers. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 21.11°C (70°F).

Environment: Keep away from drains, surface and ground water.

Section 8: Exposure Controls/Personal Protection 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:	Pale yellowish green to green liquid.
Odor:	Characteristic neutral odor.
Color:	Green
Boiling Point:	230°C (446°F)
Melting Point:	-12°C (10.4°F)
Flash Point:	> 100°C
Specific Gravity:	0.917 – 0.925 @ 25°C
Water/Oil Dist. Coeff.:	The product is more soluble in oil; log(oil/water) =7
Dispersion Properties:	See solubility in water, diethyl ether, n-octanol.
Solubility:	Soluble in diethyl ether. Partially soluble in n-octanol. Insoluble in cold water, hot water.

Section 10: Stability and Reactivity

Reactivity:	This material presents no significant reactivity hazard.
Chemical Stability:	Chemically stable.
Polymerization:	Will not occur.
Conditions to Avoid:	Avoid sparks, flame and other heat sources.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon oxides

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:	Skin: May cause skin irritation. Eyes: May cause eye irritation. Ingestion: Ingestion of large amounts may cause digestive tract irritation. Inhalation: Breathing high concentrations of vapor may cause an anesthetic effects. Vapor may be irritating to respiratory tract.
Chronic Potential Health Effects:	Skin: Repeated contact may cause allergic dermatitis. This product is a natural product for which no health hazard data exist.

Section 12: Ecological Information

Ecotoxicity:	Avoid any pollution of ground, surface or underground water.
Persistence and Degradability:	This product is biodegradable.
Mobility in Soil:	Not available.
Other Adverse Effects:	None reported at this time.

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

US DOT Shipping (Land): Not regulated.

IMO-IMDG Shipping (Sea): Not regulated.

IATA Shipping (Air): Not regulated.

Section 15: Other Regulatory Information

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

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

Federal and State Regulations (U.S.A.): TSCA 8(b) inventory: Grape Seed Oil

Other Regulations: Not available.

Other Classifications:

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: Lab coat, Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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.
