



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

Material Safety Data Sheet Seabuckthorn Fruit Oil

Section 1: Product and Company Identification

Product Name: Seabuckthorn Fruit Oil
Botanical Name: *Hippophae Rhamnoides*
INCI Name: Hippophae Rhamnoides Fruit Extract
CAS No.: 90106-68-6
EINECS No.: 290-292-8

Contact information:

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Section 2: Composition and Information on Ingredients

Composition:
Vegetable triglycerides from seabuckthorn berry pulp 100%
Hazardous Components: None
Exposure Limits: N/A

Section 3: Hazards Identification

Routes of Entry:

Eye Contact: Very hazardous in case of eye contact (Irritant). Inflammation of the eye is characterized by redness, watering and itching.

Ingestion: Hazardous in case of ingestion.

Section 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- get medical attention if irritation occurs.
- 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 collars, ties, belts or waistbands.
- Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Medical Conditions Generally Aggravated by Exposure: None

Section 5: Fire and Explosion

- Flammability of Product: May be combustible at high temperatures.
- Flash Point (Method Used): Not Available
- Flammable Limits: LEL: Not Established
UEL: Not Established
- Auto Ignition Temperature: No information
- Hazardous Combustion Products: Not Available
- Conditions Under Which Flammability Could Occur: Not Available
- Extinguishing Media: Dry Chemical
Carbon Dioxide
Foam
Note: Do not use water except to cool containers.

- Special Firefighting Procedures: Combustible material. Limit the spread of oil.
Treat as an oil (edible fat) fire.
Use air supplied equipment for fighting interior fires.
Cool fire exposed containers with water spray.

Unusual Fire & Explosion Hazards: Not established

Section 6: Accidental Release Measures

- Personal Protection: N/A
- Environmental Protection: Notify authorities if large amounts of product enters sewer.
- Methods for Cleaning Up: Absorb onto an inert, absorbent substrate and sweep up.
Wash area with soap and water. Area may be slippery; take precautions.

Section 7: Handling and Storage

Handling

Safe Handling: Wear safety glasses. Avoid contact with eyes.
Keep away from oxidizing agents, excessive heat and 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/vapors/spray.

Storage

Requirements for Storage Areas and Containers:

Store in a cool, dry location, in a sealed container in a well ventilated area.

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 area.

Personal Protection

Eye: Safety glasses should be worn.

Skin/Body: Lab coats and gloves may be worn.

Respiratory: Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if required for application.

Ventilation: Handle in well ventilated areas.

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 nonhazardous liquid material.

Section 9: Physical and Chemical Properties

Physical State: Liquid, Oil
Color: Brown, yellow
Odor: Characteristic
Specific Gravity: 0.911 g/cm³
Solubility in Water: Insoluble

Section 10: Stability and Reactivity

Stability: Stable
Conditions to Avoid: Not Available
Incompatibility: Avoid strong oxidizers
Hazardous Decomp.: Not Available
Hazardous Polymerization: Will Not Occur

Section 11: Toxicological Information

Routes of Entry:	Eye Contact Ingestion
Toxicity Data:	LD50: Not Available LC50: Not Available
Irritancy:	Skin: Not expected to be an irritant Eyes: Irritant
Carcinogenicity: Reproductive	Not Available
Toxicity:	Not Available
Teratogenicity:	Not Available
Mutagenicity:	Not Available
Name of toxicologically synergistic products:	Not Available

Section 12: Ecological Information

Ecological Information:	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.

Section 13: Disposal Considerations

Waste Disposal Methods:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
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Section 14: Transport Information

DOT Classification:	Not a DOT controlled material.
Class/Division:	Not restricted
Proper Shipping Name:	N/A
Label:	None
Packing Group:	N/A
ID Number:	N/A
Hazard:	N/A

Section 15: Other Regulatory Information

Federal & State Regulations:	TSCA 8(b) inventory: Seabuckthorn Fruit Oil
Other Regulations:	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)
WHMIS Canada:	CLASS D-28: Material causing other toxic effects (TOXIC).
DSCL (EEC):	R41: Risk of serious damage to eyes.

Section 16: Other Information

Disclaimer:

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