



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

Material Safety Data Sheet Comfrey Macerated Oil - Organic

Section 1: Product and Company Identification

Product Name: Comfrey Macerated Oil – Organic

Botanical Name: *Symphytum officinale*

INCI Name: Helianthus annuus seed oil, Symphytum officinale root extract

CAS No.: 84696-05-9, 8001-21-6

EINECS No.: 283-625-3, 232-273

Contact information:

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Section 2: Composition and Information on Ingredients

Hazardous Components: None in the concentration used

Section 3: Hazards Identification

Non-hazardous according to the criteria of the Dangerous Substances Regulations.

Route of Entry

Eye Contact: No known hazard

Skin Contact: No known hazard

Ingestion: No known hazard

Inhalation: No known hazard

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: N/A

Inhalation: N/A

Section 5: Fire and Explosion

Extinguishing Media:	Dry Chemical, carbon dioxide, foam
Unsuitable Extinguishing Media:	Water
Special Firefighting Procedures:	Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires.
Unusual Fire & Explosive Hazards:	Not established
Flammability:	The product is not flammable

Section 6: Accidental Release Measures

Personal Protection:	Ventilate premises. Do not smoke.
Environmental Protection:	Avoid direct discharge in sewers and within natural environment (surface and underground water)
Methods for Cleaning Up:	Absorbs 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:	Keep away from oxidizing agents, excessive heat and sources of ignition
Storage	
Requirement for Storage Area and Containers:	Store in a cool, dry location, in a sealed container in a well ventilated area

Section 8: Exposure Controls/Personal Protection Engineering

Eye:	Not required but safety glasses may be worn.
Skin/Body:	Not required but lab coats and gloves may be worn.
Respiratory:	Not needed under normal conditions of use.
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 non-hazardous liquid material.

Section 9: Physical and Chemical Properties

Physical State:	Liquid, oily
Colour:	Clear, yellow to dark yellow
Odour:	Characteristic, aromatic
Specific Gravity:	0.910 – 0.930 g/cm ³ DAB 10 at 20°C
Acid Value: (% oleic)	N/A
Flash Point:	N/A
Boiling Point:	N/A
pH:	N/A
Solubility in Water:	Insoluble

Section 10: Stability and Reactivity

Stability:	Stable product in close packaging, away from light, steady and moderate temperature.
Incompatibility (Materials to Avoid):	Strong oxidizers.
Hazardous Decomposition:	When exposed to fire or excessive heat, the triglycerides contained in this product may form acrolein.
Conditions to Avoid:	None.
Hazardous Polymerization:	Will not occur.

Section 11: Toxicological Information

Signs and Symptoms of Exposure:	None
Acute Oral Toxicity:	LD50 Oral: >20 mL/kg animal weight (rat): Non-toxic
Medical Conditions Generally Aggravated by Exposure:	None
IFRA Restriction:	This substance and/or some of its components are concerned with the “Code of Practice” of the IFRA consultable on the internet site: www.ifraorg.org
Sensitization:	Sensitization test/guinea pig/Buehler: non-sensitizing

Section 12: Ecological Information

Ecological Information:	No ecological hazards are associated with this product.
Mobility:	Very volatile and low viscosity matter but little moving in the soil.
Biodegradability:	Comfrey Oil, has a herbal extract based on sunflower oil, is non-toxic and easily biodegradable.

Section 13: Disposal Considerations

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

Dirty Packaging: Completely empty the container. Keep the label on the container. Give to an approved eliminator.

Section 14: Transport Information

DOT Classification: Not regulated

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

Labeling according to the Dangerous Substances Regulations/EC Directive Code letter and hazard:
Non-hazardous according to the criteria of the above directive.
National Regulations.
Water Pollution Hazard Class:
Product presents no water pollution hazard (self-classification).

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.
