



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

Material Safety Data Sheet Peppermint Oil

Section 1: Product and Company Identification

Product Name: Peppermint oil

Botanical Name: *Mentha x piperita*

CAS No.: 8006-90-4

INCI Name: Mentha Piperita Leaf Oil

Contact information:

Plant's Power Inc
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Toronto, Ontario
M6N 1M2
Contact: 1-416-766-1254
<http://www.PlantPower.ca>
contactus@plantpower.ca

24 HOUR EMERGENCY TELEPHONE
NUMBER: (647)-427-4480

Section 2: Composition and Information on Ingredients

Composition:

Name CAS No. % by Weight: Peppermint oil 8006-90-4 100%

Section 3: Hazards Identification

Pictogram:



Combustible

Hazard Statement(s)

H227: Combustible liquid.

H303: May be harmful if swallowed.

GHS Classification(s)

Acute Toxicity, Oral (Category 5)

Flammable Liquid (Category 4)

Potential Health Effects

Organ	Description
Eyes	Can be irritating to the eyes
Ingestion	Can be harmful if ingested
Inhalation	Can be irritating to the respiratory tract through inhalation
Skin	Can be irritating to the skin through direct absorption
Chronic	Prolonged or repeated skin contact may cause allergic dermatitis. Prolonged or repeated ingestion may affect the urinary system and brain.

Section 4: First Aid Measures

General: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this MSDS to the doctor in attendance. Move out of dangerous area.

Ingestion: Wash out mouth with water provided person is conscious. Call a physician.

Inhaled: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin Contact: Immediately wash skin with soap and copious amount of water.

Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes.

Section 5: Fire and Explosion Data

Suitable Extinguishing Media: Carbon Dioxide
Dry Chemical Powder
or appropriate foam
Water Spray

SMALL FIRE: Use dry chemicals, CO₂, water spray or alcohol-resistant foam.

LARGE FIRE: Use water spray, water fog or alcohol-resistant foam. Cool all affected containers with flooding quantities of water.

Special Firefighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosions

Hazards: Combustible liquid.

Section 6: Accidental Release Measures

- General:** Evacuate area.
- Personal Protection:** Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.
- Environmental Precautions:** Stop leak. Contain spill if possible and safe to do so. Prevent product from entering drains.
- Methods and Materials for Containment and Cleaning up:** Cover with dry lime or soda ash, pick up, keep in a closed container and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Section 7: Handling and Storage

- Precautions for Safe Handling:** Do not get on skin or in eyes. Do not inhale vapour or mist. Keep away from sources of ignition – no smoking. Take measures to prevent the buildup of electrostatic charge.
- Safe Storage:** Keep tightly closed and store in a cool dry place. Keep away from heat and open flame. Opened containers must be carefully resealed and kept upright to prevent leakage. Store at 2-8°C.

Section 8: Exposure Controls/Personal Protection

- Engineering Controls:** Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
- Personal Protection:**
- Respiratory Protection:** Use NIOSH/MSHA- approved respirator. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination. Avoid breathing vapour.
- Hand Protection:** Use compatible chemical-resistant gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product.
- Eye Protection:** Use chemical safety goggles.
Use safety shower and eye bath.
Mechanical exhaust required.
- Skin and Body Protection:** Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash contaminated clothing before reuse.

Section 9: Physical and Chemical Properties

Appearance:	Liquid. Colourless. Clear.
Odour:	Minty.
Flash Point:	71°C
Specific Gravity:	0.900 – 0.916
Refractive index:	1.457-1.467
Flammability:	Flammable
Solubility:	Soluble in alcohol and oils. Insoluble in water

Section 10: Stability and Reactivity Data

Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Heat, flames and sparks.
Incompatible Materials:	Strong oxidizing agents. Strong reducing agents.
Hazardous Decomp. Products:	Carbon monoxide, carbon dioxide.

Section 11: Toxicological Information

No acute effects but may be harmful by inhalation, ingestion, or skin absorption. May cause irritation.

Acute Toxicity: LD50 (Oral) [RAT]: 2,426 mg/kg

Other Hazards

Organ	Description
Eyes	Causes eye irritation. May cause loss of corneal epithelium, corneal infiltration, release of pigment into the anterior chamber with deposits on the back of the cornea.
Ingestion	Can cause gastrointestinal tract irritation. Can affect behaviour/central nervous system and respiration. Other symptoms may include atrial fibrillation, muscle pain, cooling sensation, burning sensation.
Inhalation	Can be irritating to the respiratory tract.
Skin	Can be harmful if absorbed through skin. Can be irritating to the skin.

Section 12: Ecological Information

Avoid any pollution of ground, surface or underground water.

Section 13: Disposal Considerations

Waste Disposal: This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Section 14: Transport Information

US DOT Shipping Description (Land): NA # - 1993
Proper shipping name: Combustible Liquid , n.o.s. (Peppermint Oil)
Class: None
Packaging group: III
IMO-IMDG Shipping Description (Sea): Not regulated.
IATA Shipping Description (Air): Not regulated.
Emergency action in case of accident: Notify police and fire department immediately

Section 15: Other Regulatory Information

EINECS: Listed
TSCA: Listed
MITI/ENCS: Listed
WHMIS Classification: B3

Section 16: Other Information

Disclaimer:

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