



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

Material Safety Data Sheet Demetholised Peppermint (Cornmint) Oil

Section 1: Product and Company Identification

Product Name: Demetholised Peppermint Oil (Cornmint)

Botanical Name:

INCI Name:

CAS#: 90063-97-1

EINECS No.: 290-058-5

UN No. 1169:

Synonym: Oil of Peppermint Dementholised 50%; Mentha Arvensis Dementholised Oil 50%; Oil of Peppermint 50% Dementholised No. 299; DMO 50%; AAOIL00692; Cornmint

Chemical Identification:

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: (647)-427-4480
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Section 2: Composition and Information on Ingredients

Composition

Chemical Identification: Mentha arvensis, extract
CAS#: 90063-97-1

Proportion: 100%
Hazard Codes: H227; H303; H315; H317; H401; H411

Section 3: Hazards Identification

Signal Word: WARNING

Hazard Statement(s): H227 Combustible liquid
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H411 Toxic to aquatic life with long lasting effects

Precautionary Statement(s)

Prevention: P210 Keep away from flames and hot surfaces. No smoking.
P261 Avoid breathing mist/vapours/spray
P264 Wash hands thoroughly after handling
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection

Response: P302+P352 IF ON SKIN: wash with plenty of soap and water
P333+P313 If skin irritation or rash occurs: Get medical advice/attention
P321 Specific treatment
P362 Take off contaminated clothing and wash before reuse
P363 Wash contaminated clothing before re-use
P370 In case of fire:
P378 Use alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used to extinguish
P391 Collect spillage

Storage: P403+P235 Store in a well-ventilated place. Keep cool.

Disposal: P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Section 4: First Aid Measures

Ingestion:	If swallowed, wash out mouth with water provided person is conscious. Do NOT induce vomiting. Call a physician.
Inhalation:	If inhaled, move to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Skin Contact:	In case of contact, immediately remove any contaminated clothing and wash skin with soap and copious amounts of water. If swelling, redness, blistering or irritation occurs seek medical assistance.
Eye Contact:	In case of contact, immediately flush eyes with copious amounts of water For at least 15 minutes.

Section 5: Fire and Explosion

Suitable Extinguishing Media:	Alcohol resistant foam is preferred firefighting medium, but if not available, normal protein foam can be used.
Unsuitable Extinguishing Media:	Water jet.
Special Firefighting Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin & eyes.
Specific Hazards arising from the Substance or Mixture:	Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon.

Section 6: Accidental Release Measures

Emergency Procedures/Environmental Precautions:
Shut off all possible sources of ignition. Clear area of all unprotected personnel. If contaminated of sewers or waterways has occurred advise local emergency services.

Personal Precautions/Protective Equipment/Methods and Materials for Containment and Cleaning up:
Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapour. Work up wind or increase ventilation. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

Section 7: Handling and Storage

Precautions for safe handling:	Avoid skin and eye contact and breathing in vapour, mists and aerosols.
Conditions for safe storage:	Store in cool, dry, well-ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials. Keep containers closed and when not in use – check regularly for leaks

Section 8: Exposure Controls/Personal Protection Engineering

Use niosh/msha-approved respirator.
Use compatible chemical-resistant gloves.
Use chemical safety goggles.
Use safety shower and eye bath.
Mechanical exhaust required.
Avoid breathing vapor.
Avoid contact with eyes, skin and clothing.
Avoid prolonged or repeated exposure.
Wash thoroughly after handling.
Wash contaminated clothing before reuse.
Keep tightly closed and store in a cool dry place.
Keep away from heat and open flame.

Section 9: Physical and Chemical Properties

Physical State:	Clear liquid
Colour:	Colourless to pale yellow
Odour:	Mint
Specific Gravity:	0.888 – 0.910 at 20°C
Flash Point:	76.11°C
Refractive Index:	1.456 – 1.470

Section 10: Stability and Reactivity

Reactivity:	No information available
Chemical Stability:	Stable under normal conditions of use
Incompatible Materials:	Strong oxidizing agents Strong reducing agents
Hazardous Decomposition Products:	Oxides of carbon
Conditions to Avoid:	Avoid exposure to heat, sources of ignition, and open flame
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur

Section 11: Toxicological Information

Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Swallowing may result in nausea, vomiting, diarrhea and abdominal pain
Eye Contact:	May be an eye irritant
Skin Contact:	Contact with skin will result in irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic reaction
Inhalation:	Breathing in vapour, mists or aerosols may produce respiratory irritation
Acute Toxicity:	No LD50 data available for the product

Section 12: Ecological Information

Exotoxicity:	Avoid contaminating waterways
Persistence/degradability:	No information available
Bioaccumulative Potential:	No information available
Mobility in Soil:	No information available
Aquatic Toxicity:	Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment

Section 13: Disposal Consideration

Disposal Methods:	Refer to Waste Management Authority. Dispose of contents/containers in accordance with local/regional/national/international regulations.
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Section 14: Transport Information

Road and Rail Transport

UN No.:	3082
Transport Hazard Class:	9 Miscellaneous Dangerous Goods
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (MENTHA ARVENSIS OIL)

Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS

UN No.:	3082
Transport Hazard Class:	9 Miscellaneous Dangerous Goods
Packing Group:	III
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (MENTHA ARVENSIS OIL)
IMDG EMS Fire:	F-A
IMDG EMS Spill:	S-F

Air Transport

UN No.:	3082
Transport Hazard Class:	9 Miscellaneous Dangerous Goods
Packing Group:	III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S (MENTHA ARVENSIS OIL)

Section 15: Other Regulatory Information

Einecs	:listed
Tsca	:listed
Dsl canada	:listed
Aics australia	:listed
Miti/encs	:listed

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.
