

MATERIAL SAFETY DATA SHEET (MSDS)

Section 1: Product Identification & Supplier

Product Name: Corn mint Essential Oil

Country of Origin: INDIA

CAS Number: 8006-90-4

Botanical Name: Mentha arvensis L.

INCI Name: Mentha arvensis

Recommended Use: Cosmetics, aromatherapy, personal care products, soaps, candles, fragrances, and industrial applications.

Supplier: BOTANIC PLANET CANADA INC.

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Section 2: Hazard Identification

GHS Classification

Flammable liquids, Category 4

Acute toxicity (oral), Category 5

Skin corrosion/irritation, Category 3

Skin Sensitization, Category 1

Aspiration Hazard, Category 1

Hazardous to the aquatic environment, acute hazard, Category 2

Hazardous to the aquatic environment, long term hazard, Category 2

H227 Combustible liquid

H303 May be harmful if swallowed

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H401 Toxic to aquatic life

H411 Toxic to aquatic life with long-lasting effects

Flammable Liquid Category 3

Skin Irritation Category 2

Eye Irritation Category 2A

Skin Sensitization Category 1

Aspiration Hazard Category 1

Hazardous to Aquatic Environment (Chronic Category 2)

Signal Word: Danger



Hazard Statements

Flammable liquid and vapor.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May be fatal if swallowed and enters airways.

Toxic to aquatic life with long-lasting effects.

Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash ... 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.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/

P302+P352 IF ON SKIN: Wash with plenty of water/

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P312 Call a POISON CENTER/ doctor/if you feel unwell.

P331 Do NOT induce vomiting.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire: Use ... to extinguish.

P391 Collect spillage.

P403 Store in a well-ventilated place.

P405 Store locked up.

P501 Dispose of contents/container to ...

Section 3: Composition

Component	CAS No.	Concentration
Peppermint Essential Oil (<i>Mentha arvensis</i>)	8006-90-4	100%
Major constituents include:		
L-Menthol (30–50%)		
Menthone		
Menthyl acetate		
Isomenthone		
Limonene (trace)		
Pulegone (trace)		

Section 4: First Aid Measures

Inhalation

Move person to fresh air.

Seek medical attention if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Eye Contact

Flush immediately with water for at least 15 minutes.

Seek medical attention if irritation continues.

Ingestion

Do NOT induce vomiting.

Immediately contact a Poison Centre or physician.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media

Carbon dioxide

Dry chemical

Foam

Unsuitable

Water jet

Hazards

Combustible liquid.

May produce carbon monoxide and carbon dioxide during combustion.

Protective Equipment

Self-contained breathing apparatus.

Section 6: Accidental Release Measures

Avoid ignition sources.

Absorb with inert material such as sand or vermiculite.

Collect into suitable containers.

Prevent release into waterways.

Section 7: Handling and Storage

Store tightly closed.

Keep below 25°C.

Protect from sunlight.

Store away from oxidizing agents.

Use in well-ventilated areas.

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Local exhaust ventilation recommended.

Personal Protective Equipment

Eye Protection

Safety glasses.

Hand Protection

Chemical resistant gloves.

Respiratory Protection

Normally not required under adequate ventilation.

Section 9: Physical and Chemical Properties

Appearance: Clear pale-yellow liquid

Odor: Characteristic peppermint odor

Specific Gravity: 0.904 @20°C
Refractive Index: 1.465 @20°C
Optical Rotation: -23.30°
Flash Point: Approximately 70°C
Boiling Point: Not established
Solubility: Very slightly soluble in water. Soluble in organic solvents.

Section 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid:

Heat
Open flame
Strong oxidizers

Hazardous decomposition:

Carbon monoxide
Carbon dioxide

Section 11: Toxicological Information

Routes of Exposure

Skin
Eyes
Inhalation
Ingestion
Effects
May cause:
Skin irritation
Eye irritation
Allergic skin reaction

Large quantities may affect the nervous system.

Section 12: Ecological Information

Avoid discharge into drains.
May be toxic to aquatic organisms.
Biodegradability
Expected to be biodegradable.

Section 13: Disposal Consideration

Dispose according to local, provincial, and federal regulations.
Do not pour into drains.

Section 14: Transport Information

UN Number
UN1993
Proper Shipping Name
Flammable Liquid, N.O.S. (Contains Peppermint Oil)
Hazard Class
3
Packing Group
III

Marine Pollutant

Yes (if transported in bulk quantities)

Section 15: Regulatory Information

Prepared in accordance with:

WHMIS 2015 (Canada)

GHS

OSHA Hazard Communication Standard

Users are responsible for ensuring compliance with local regulations.

Section 16: Other Information

Storage: Store in tightly closed containers in a cool, dry, well-ventilated area away from direct sunlight.



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