



**INDENTA™**  
**Chemicals (India) Pvt. Ltd.**  
**(ISO 9001:2008 Certified Company)**



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## Material Safety Data Sheet

### Peppermint Oil

#### Section 1.1 – Product Identification

**Product name :** Peppermint Oil  
**Botanical Name:** Mentha Piperita  
**CAS # :** 8006-90-4

#### Section: 1.2 – Company Identification

**Company Name:** Indenta Chemicals (India) Pvt. Ltd.  
**Address:** 201, Adamji Building, 413, Narshi Natha Street, Mumbai -400 009. (India)  
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#### Section 2: Hazard Identification

**Eye Contact:** Mild irritation may occur  
**Skin Contact:** Mild irritation may occur  
**Ingestion:** Not known  
**Inhalation:** Irritating

#### Section 3: Composition / Ingredient Information

**Contents:** Menthol, menthone, menthyl acetate, limonene, neomenthol, isomenthone and traces of 1,8-cineol, piperitone, camphene, linalool,  $\beta$ -caryophyllene,  $\beta$ -caryophyllene epoxide, pulegone,  $\alpha$ -pinene,  $\beta$ -pinene, germacrene D, menthofurane, and  $\beta$ -hexenyl enylacetate.

#### Section 4: First Aid Measures

**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.  
**Eyes:** Flush with plenty of water or eye wash. Consult a physician.  
**Skin:** Wash off soap and water. Get medical attention if irritation persists.  
**Ingestion:** Seek immediate medical advice  
**Inhalation:** If breathed in, move person into fresh air. Consult a physician.

## Section 5: Fire Fighting Measures

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**Flash Point:** 73°C

**Suitable extinguishing media:** Use dry chemical or CO<sub>2</sub>, alcohol-resistant foam, water spray.

**Special protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

**Decomposition Materials:** Carbon Dioxide, Carbon Monoxide.

## Section 6: Accidental Release Measures

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**Environmental Precautions:** Keep away from drains, surface and ground water. Report spills to appropriate authorities if required.

**Methods for cleaning up:** Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

**Safety Precautions:** Eliminate all ignition sources. Ventilate area.

## Section 7: Handling And Storage

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**Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from fire and open flames.

**Storage:** Store in cool, dry and well-ventilated area protected in tightly closed container away from sources of ignition, heat and sunlight.

## Section 8: Exposure Control / Personal Protection

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**Work/Hygiene Practice:** Normal work and hygiene practices for handling non-hazardous liquid material.

**Eye:** Safety glasses should be worn.

**Skin/Body:** Using chemically resistant clothes and gloves are recommended.

**Respiratory:** Not needed under normal conditions of use.

**Other:** Evaluate need based on application. Slip proof shoes may be worn where spills may occur.

## Section 9: Physical And Chemical Properties

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<b>Appearance</b>	:	Clear, Colorless to pale yellow liquid
<b>Odor</b>	:	Peppermint, pungent
<b>Specific Gravity</b>	:	0.860–0.910 @ 20°C
<b>Refractive Index</b>	:	1.40–1.50@ 20°C
<b>Optical Rotation</b>	:	-35–-10@ 20°C

## Section 10: Stability And Reactivity

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**Stability:** Stable under recommended storage conditions.

**Conditions to Avoid:** Avoid sparks, flame, excessive heat and strong oxidizers and strong acids.

**Hazardous Polymerization:** N/A.

**Hazardous Decomposition products:** None known. When heated to decomposition produces acid fumes and carbon monoxide smoke

**Section 11: TOXICOLOGICAL INFORMATION**

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**Eyes:** Not expected to be an irritant.

**Skin Irritancy:** Not expected to be an irritant.

**Threshold Limit Value:** Non Toxic.

**Signs and Symptoms of Exposure:** N/A

**Carcinogenicity:** None.

**Reproductive Toxicity:** N/A

**Teratogenicity:** N/A

**Mutagenicity:** N/A

**Section 12: ECOLOGICAL INFORMATION**

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**Biodegradation:** Expected to be ultimately biodegradable

**Aquatic Toxicity:** No Data.

**Bacterial Toxicity:** No Data.

**Section 13: DISPOSAL CONSIDERATION**

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**Waste Disposable method** Combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber in accordance with all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging** Dispose of as unused product. .

**Section 14: Transport Information**

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	<b>US DOT</b>	<b>IATA</b>	<b>RID / ADR</b>	<b>IMO</b>	<b>Canada TDG</b>
<b>Shipping Name</b>	Essential Oils	Essential Oils	Essential Oils	Essential Oils	Essential Oils
<b>Hazard Class</b>	N.A.	N.A.	N.A.	N.A.	N.A.
<b>UN Numbering</b>	Not Regulated to DGR goods	Not Regulated to DGR goods	Not Regulated to DGR goods	Not Regulated to DGR goods	Not Regulated to DGR goods
<b>Packing Group</b>	N.A.	N.A.	N.A.	N.A.	N.A.

**Section 15: REGULATORY INFORMATION**

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**Risk Phrases (R):** N / A

**Safety Phrases (S):** N / A

**WHMIS classification for product:** N / A

**Section 16: Additional Information**

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