



AROMA BANO

MATERIAL SAFETY DATA SHEET
PEPPERMINT ESSENTIAL OIL

Section 1: Chemical Product and Company Identification

Product Name: Peppermint Essential Oil

CAS-No. 68917-18-0

EC-No. 282-015-4

TSCA: TSCA 8(b) inventory: Peppermint Oil

Synonym: Mentha Piperita oil.

Chemical Name: Mentha Piperita Oil.

Chemical Formula: Not available.

Use of the substance: For professional use only

Grade of the substance/mixture: Food Grade.

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Detail of the manufacture of essential oil: AOS PRODUCTS PVT. LTD. Manufacturer in Ghaziabad, India
Address: S-33, South Side G.T Rd, Industrial Area, Bulandshahr Road Industrial Area, Ghaziabad, Uttar Pradesh 201009, India Phone: +91 120 410 6666 www.aosnaturaloils.com

Section 2: Hazards Identification

CLASSIFICATION ACCORDING TO GHS REGULATION:



GHS07

GHS09

WORDS OF WARNING:

Hazard Statements(CLP) :

Warning

H302 Harmful if swallowed

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Harmful to aquatic life with long lasting effect.

Precautionary Statement

Prevention(CLP):

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust, fume, gas, mist, vapor, spray.

P264 Wash parts in contact 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.

Precautionary Statement Response :	<p>P302+P352 IF ON SKIN : Wash with plenty of soap and water.</p> <p>P305+P351+P338 IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 IF exposed or concerned : Get medical advice.</p> <p>P310 Immediately call a POISON CENTER or doctor/physician.</p> <p>P321 Specific treatment.</p> <p>P332+P313 If skin irritation occurs : Get medical advice.</p> <p>P333+P313 If skin irritation or rash occurs : Get medical advice.</p> <p>P362 Take off contaminated clothing and wash before reuse.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P391 - Collect spillage.</p>
DEVELOPMENTAL TOXICITY:	Not available.
PRECAUTIONARY STATEMENT DISPOSAL :	P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.
PARTICULAR MENTION :	Not available.
MUTAGENIC EFFECTS	Not available.
OTHER :	Not available.

Section 3: Composition and Information on Ingredients:

Mixtures

L-Menthol	(CAS-No.) 2216-51-5 (EC-No.) 218-690-9 GHS : ATO 5 (2,600), EDI 2B, EH-A 3, FL 4, SCI 2
Menthone	(CAS-No.) 10458-14-7 (EC-No.) 233-944-9 GHS : ATO 5 (2,500), EH-A 3, FL 4, SCI 2, SS 1B
1.8 Cineol	(CAS-No.) 470-82-6 (EC-No.) 207-431-5 GHS : ATO 5 (2,480), FL 3, SCI 3, SS 1B
Menthyl acetate	(CAS-No.) 89-48-5 (EC-No.) 201-911-8 GHS : EH-A 2, EH-C 2, FL 4
Menthofurane	(CAS-No.) 494-90-6 (EC-No.) 207-795-5 GHS : ATO 4 (500), EDI 2A, EH-A 2, EH-C 2, FL 4, SCI 2
Pulegone	(CAS-No.) 89-82-7 (EC-No.) 201-943-2 GHS : ATD 5 (3,090), AT04 (470), EH-A 3, FL 4, SCI 3

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-ignition temperature: Non Available.

Flash Points: 102°C

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances:

Non-flammable presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions: Keep away from heat. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Symbols:



Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator, Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Characteristic. Minty.

Taste: Not available.

Molecular Weight: Not available.

Color: Colorless to light yellow.

pH (1% solv/water): Not available.

Boiling Point: Not available.
Melting Point: Not available.
Critical Temperature: Not available.
Flash point: 70 °C
Specific Gravity: 0.9 (Water = 1)
Vapor Pressure: 0 kPa (@ 20°C)
Vapor Density: Not available.
Volatility: Not available.
Odor Threshold: Not available.
Water/Oil Dist. Coeff.: Not available.
Ionicity (in Water): Not available.
Dispersion Properties: Very slightly dispersed in cold water, hot water.
Solubility: Very slightly soluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Heat, ignition sources, incompatible materials, nearly empty containers.
Incompatibility with various substances: Reactive with oxidizing agents. Corrosivity: Not available.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact.
Toxicity to Animals: Acute oral toxicity (LD50): 1240 mg/kg [Rat]. Acute dermal toxicity (LD50): >5000 mg/kg [Rabbit].
Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified 4 (No evidence) by NTP None. by OSHA, None. By NIOSH.
Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of ingestion, of Inhalation.
Special Remarks on toxicity to animals: not available.
Special Remarks on chronic effects on Humans:
Acute Potential Health Effects: Skin: May cause skin irritation.
Eyes: May cause eye irritation.
Inhalation: Inhalation of vapor mist may cause respiratory tract irritation. Ingestion: May cause digestive tract irritation.

Section 12: Ecological Information

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: Not available.
Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information IATA/CAO Hazard Class:

Non-hazardous, non-regulated
DOT Classification: Not a DOT controlled material (United States).
Identification: Not applicable.
Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Mentha Piperita Oil.
Other Regulations: Not available.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

R36/38- Irritating to eyes and skin.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: e

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

No REACH Annex XVII restrictions

Peppermint Piperita Essential Oil is not on the REACH Candidate List

Peppermint Piperita Essential Oil is not on the REACH Annex XIV List

Peppermint Piperita Essential Oil is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Peppermint Piperita Essential Oil is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

Section 16: Other Information References:

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending **and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.**

Other Special Considerations: Not available.

The information contained in this MSDS is believed to be accurate and represent the best information currently available to us and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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