

Section 1. Product and Company Identification

Product Name Peppermint Oil
CAS Number Mixture

Parchem - fine & specialty chemicals
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EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Classification of the Substance or Mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin irritation category 2.

Skin sensitization, Category 1.

Hazardous to the Aquatic Environment - Acute Hazard, Category 2

Hazardous to the Aquatic Environment - Chronic Hazard, Category 2

This substance does not present a physical hazard, Refer to the recommendations regarding the other products present on the site.

In compliance with directives 67/548/EEC, 1999/45/EEC, and their amendments.

Possibility of irritation to the skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environments.

This substance does not present a physical hazard, Refer to the recommendations regarding the other products present on the site.

GHS Label Elements

Pictograms:



Signal word: WARNING

Hazard and precautionary statements

Hazard Statements

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements - Prevention

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - 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.

P362 Take off contaminated clothing and wash before reuse.

P391 Collect spillage.

Precautionary Statements - Storage

N/A

Precautionary Statements - Disposal

P501 Dispose of contents/container with local regulations

In compliance with directives 87/548/EEC, 1999/45/EC and their amendments.

Hazard Symbols: Irritant; Dangerous for the Environment

Contains: 601-029-00-7; (R)-P-Mentha-1,8-Diene Pinenes (Alpha or Beta)

Risk Phrases

R 51/53 Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

R43 May cause sensitization by skin contact.

R38 Irritating to skin.

Safety Phrases

S24 Avoid contact with skin.

S37 Wear suitable gloves.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

S60 This material and its container must be disposed of as hazardous waste.

S57 Use appropriate container to avoid environmental contamination.

Other Hazards: No data available.

Section 3. Composition / Information on Ingredients

Common Name Peppermint Oil
CAS Number Mixture

COMPONENT	CAS NUMBER	CONCENTRATION
Menthol	89-78-1	50.0000%
Menthone	89-80-5	25.0000%
1,4-Cineole	470-67-7	5.0000%
Menthofuran	494-90-6	5.0000%

Menthyl Acetate	89-48-5	5.0000%
beta-Caryophyllene	87-44-5	2.0000%
(R)-p-Mentha-1,8-diene	5989-27-5	2.0000%
Pulegone	15932-80-6	2.0000%

Section 4. First Aid Measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing in an unconscious person.

Description of First-aid Measures

Eye Contact: Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Skin Contact: Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognized cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

Ingestion: Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention immediately, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

Most Important Symptoms and Effects, both Acute and Delayed: No data available.

Indication of any Immediate Medical Attention and Special Treatment Needed: N/A

Section 5. Firefighting Measures

Flammability of the Product: Non-flammable.

Extinguishing Media: In the event of fire, use specifically suitable extinguishing agents. Never use water.

Suitable Methods of Extinction

In the event of a fire, use: Sprayed water or water mist, foam, multipurpose ABC powder, BC powder, or carbon dioxide (CO₂)

Unsuitable Methods of Extinction

In the event of a fire, do not use: Water or water jet

Special Hazards arising from the Substance or Mixture: A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

In the event of a fire, the following may be formed: Carbon monoxide (CO); Carbon dioxide (CO₂)

Advice for Firefighters: No data available.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Consult the safety measures listed in sections 7 and 8.

For Non-Firefighters: Avoid any contact with the skin and eyes.

For Firefighters: Be equipped with suitable personal protective equipment (See section 8).

Environmental Precautions: Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.

Methods and Material for Containment and Cleaning up: Clean preferably with a detergent, do not use solvents.

Section 7. Handling and Storage

Requirements relating to storage premises apply to all facilities where the substance is handled. Individuals with a history of skin sensitization should not, under any circumstance, handle this substance.

Precautions for Safe Handling: Always wash hands after handling. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

Fire Prevention: Handle in well-ventilated areas. Prevent access by unauthorized personnel.

Recommended Equipment and Procedures: For personal protection, see section B. Observe precautions stated on label and also industrial safety regulations. Never bring water into contact with this substance. Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited Equipment and Procedures: No smoking, eating or drinking in areas where the substance is used.

Conditions for Safe Storage, including any Incompatibilities: No data available.

Storage: The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging: Always keep in packaging made of an identical material to the original

Section 8. Exposure Controls / Personal Protection

Control Parameters

Exposure Controls: Personal protection measures, such as personal protective equipment. Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

Eye/Face Protection: Avoid contact with eyes. Use eye protector designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.

Hand Protection: Protective creams may be used for exposed skin, but they should not be applied after contact with the product. Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of Gloves Recommended: Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR)); PVA (Polyvinyl alcohol)

Recommended Properties: Impervious gloves in accordance with standard EN374

Body Protection: Avoid skin contact. Wear suitable protective clothing. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

Suitable Type of Protective Clothing: In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact. In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN 13034 to prevent skin contact.

Section 9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

General Information

Physical State: Fluid liquid

Color: Colorless to pale yellow

Odor: Characteristic, fresh and sweet

Important Health, Safety, and Environmental Information

pH of the Substance or Preparation: Neutral

When a pH Measure is Possible, it has a value of: Not stated

Boiling Point/Range: Not specified

Flash Point: 66.00°C

Vapor Pressure: 175 - 300 kPa

Density: < 1

Density: 0.900 - 0.916

Water Solubility: Insoluble

Viscosity (40°C): < 7 mm²/s

Melting Point/Range: Not specified

Self-ignition Temperature: Not specified

Decomposition Temperature: Not specified

Other Information: Not available

Section 10. Stability and Reactivity

Reactivity: No data available.

Chemical Stability: This substance is stable under the recommended handling and storage conditions in section 7.

Possibility of Hazardous Reactions: When exposed to high temperatures, the substance can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes, and nitrogen oxide.

Conditions to Avoid: Humidity. Protect from moisture. Reaction with water can cause an exothermic reaction.

Incompatible Materials: Water

Hazardous Decomposition Products

The thermal decomposition may release/form: Carbon monoxide (CO); Carbon dioxide (CO₂)

Section 11. Toxicological Information

Information on Toxicological Effects: Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidney, liver, and central nervous system. May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. Repeated or prolonged contact with the substance may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eyes may cause irritation and reversible damage. May cause an allergic reaction by skin contact.

Section 12. Ecological Information

Toxicity to aquatic life with long lasting effects.
The product must not be allowed to run into drains or waterways.

Toxicity

Substances: No aquatic toxicity data available for the substances.

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Results of PBT and vPvB Assessment: No data available

Other Adverse Effects: No data available

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Transport in compliance with provisions of the ADR for road, RID for rail, IMDG for sea, and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2011)

Classification: UN3082 = Environmentally Hazardous Substance, Liquid, N.O.S. ((R)-p-Mentha-1,8-diene)

ADR/RID

Class: 9

Code: M6

Packing Group: III

Label: 9

Identity: 90

LQ: LQ7

Provisions: 274, 335, 601

EQ: E1

Cat.: 3

Tunnel: E

IMDG

Class: 9

Packing Group: III

LQ: LQ7

EMS: F-A, S-F

Provisions: 179, 274, 335, 909

EQ: E1

IATA

Class: 9

Packing Group: III

Section 15. Regulatory Information

Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture

Particular Provisions: No data available

Chemical Safety Assessment: No data available

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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