

**Safety Data Sheet** This safety data sheet complies with the requirements of: GB/T 16483-2008, GB/T 17519-2013

**Product name** PEPPERMINT OIL EX MENTHA PIPERITA, INDIA

**Issue date** 02-Sep-2014

**Revision date** 24-May-2016

**Version** 2

**1. Identification of the Substance/Preparation and of the Company/Undertaking**

**Product identifier**

**Product name** PEPPERMINT OIL EX MENTHA PIPERITA, INDIA

**Other means of identification**

**UN/ID no** 3082  
**Synonyms** INCI: Mentha piperita (Peppermint) oil  
**Registration number(s)** CAS: 8006-90-4

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Industry Use.  
**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Supplier Address**  
Charkit Chemical Company LLC

32 Haviland Street South Norwalk, CT 06854USA

**Emergency telephone number**

**Company Phone Number** Use CHEMTREC instead of Emergency Phone Number

**24 Hour Emergency Phone Number** (800) 424-9300 (USA), 703-527-3887 (Intl)

**2. Hazards Identification**

**Classification**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1B
Aspiration toxicity	Category 1
Flammable liquids	Category 4

**Label Elements**

**EMERGENCY OVERVIEW**

**Danger**

**Hazard statements**

Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction  
Fatal if inhaled  
Combustible liquid

**Appearance** Colorless to Pale Yellow**Physical state** Liquid**Odor** Characteristic Odor**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Contaminated work clothing must not be allowed out of the workplace  
 Keep away from flames and hot surfaces. - No smoking  
 Wear protective gloves/eye protection/face protection

**Precautionary Statements - Response**

Specific treatment (see .? on this label)  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of water and soap  
 Take off contaminated clothing and wash it before reuse  
 If skin irritation or rash occurs: Get medical advice/attention  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

- May be harmful if swallowed
- Toxic to aquatic life with long lasting effects
- Toxic to aquatic life

9.07 % of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/information on Ingredients

**Synonyms**

INCI: Mentha piperita (Peppermint) oil.

**Chemical Family**

Essential oil.

Chemical Name	CAS No	Weight-%
PEPPERMINT OIL, INDIA	8006-90-4	100

### 4. First Aid Measures

**Description of first aid measures****Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists:  
 Get medical advice/attention.

**Skin contact**

Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Consult a physician if necessary.

**Inhalation** Move to fresh air in case of accidental inhalation of vapors. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

**Ingestion** Do not induce vomiting without medical advice. Clean mouth with water. Never give anything by mouth to an unconscious person. Get medical attention.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. Fire-Fighting Measures

**Suitable Extinguishing Media**

Use CO<sub>2</sub>, dry chemical, or foam.

**Unsuitable extinguishing media** .

**Specific hazards arising from the chemical**

No information available.

**Hazardous combustion products** Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective actions for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

**Methods for cleaning up** Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal.

## 7. Handling and Storage

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

## 8. Exposure Controls/Personal Protection

### Control parameters

**Exposure guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
BETA-PINENE 127-91-3	TWA: 20 ppm	-	-
PINENE, ALPHA- 80-56-8	TWA: 20 ppm	-	-

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Skin and Body Protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Characteristic Odor
<b>Appearance</b>	Colorless to Pale Yellow	<b>Odor threshold</b>	Not applicable
<b>Color</b>	Not applicable		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not applicable	
<b>Melting point / freezing point</b>	Not applicable	
<b>Boiling point / boiling range</b>	No data available	
<b>Flash Point</b>	72 °C / 162 °F	
<b>Evaporation Rate</b>	Not applicable	
<b>Flammability (solid, gas)</b>	Not applicable	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	Not applicable	
<b>Lower flammability limit:</b>	Not applicable	
<b>Vapor pressure</b>	0.1	
<b>Vapor Density</b>	Not applicable	
<b>Specific gravity</b>	0.900	
<b>Water solubility</b>	Not applicable	
<b>Solubility in other solvents</b>	Not applicable	
<b>Partition coefficient</b>	Not applicable	
<b>Autoignition Temperature</b>	Not applicable	

<b>Decomposition temperature</b>	Not applicable
<b>Kinematic viscosity</b>	No data available
<b>Dynamic viscosity</b>	Not applicable
<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	Not applicable

**Other Information**

<b>Softening point</b>	not applicable
<b>Molecular weight</b>	Not applicable
<b>VOC content (%)</b>	Not applicable
<b>Density</b>	Not applicable
<b>Bulk Density</b>	Not applicable

## 10. Stability and Reactivity

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. Toxicological Information

**Information on likely routes of exposure**

<b>Product Information</b>	MAY BE FATAL IF INHALED
<b>Inhalation</b>	MAY BE FATAL IF INHALED. Avoid breathing vapors or mists.
<b>Eye Contact</b>	Avoid contact with eyes. Irritating to eyes.
<b>Skin contact</b>	Avoid contact with skin. Irritating to skin. May cause sensitization by skin contact.
<b>Ingestion</b>	May be harmful if swallowed.

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Irritating to eyes.
<b>Irritation</b>	Irritating to eyes and skin.
<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	None known.
<b>Carcinogenicity</b>	This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

*IARC (International Agency for Research on Cancer)*

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

<b>Reproductive toxicity</b>	This product does not contain any known or suspected reproductive hazards.
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

#### Numerical measures of toxicity - Product Information

**Unknown acute toxicity** 9.07 % of the mixture consists of ingredient(s) of unknown toxicity  
**The following values are calculated based on chapter 3.1 of the GHS document .**

### 12. Ecological Information

#### Ecotoxicity

No information available

15.316 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

#### Persistence and degradability

No information available.

#### Bioaccumulation

No information available.

#### Other adverse effects

No information available

### 13. Disposal Considerations

#### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

### 14. Transport Information

<b>DOT (BULK ONLY)</b>	Regulated
<b>UN/ID no</b>	3082
<b>Proper Shipping Name</b>	Environmentally Hazardous Substance, Liquid, N.O.S.
<b>Hazard Class</b>	9
<b>Packing group</b>	III

<b>UN/ID no</b>	3082
<b>Proper Shipping Name</b>	Environmentally Hazardous Substance, liquid n.o.s.
<b>Hazard Class</b>	9
<b>Packing group</b>	III

<b>UN/ID no</b>	3082
<b>Proper Shipping Name</b>	Flammable solid, organic, molten, n.o.s.

Hazard Class 9  
Packing group III

## 15. Regulatory Information

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island
PINENE, ALPHA-80-56-8	X	X	X	
TERPINOLENE 586-62-9	X			

#### U.S. EPA Label information

EPA Pesticide registration number Not applicable

## 16. Other Information

Issue date 02-Sep-2014  
Revision date 24-May-2016

Revision note  
No information available

#### Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

800423