

## Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** Peppermint Indian Essential Oil  
**CAS number:** 84082-70-2  
**EINECS number:** 282-015-4  
**Synonyms:** Peppermint Oil  
**INCI name:** Mentha Piperita Oil

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Product uses:** Flavours, fragrances

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Bath and Body Base Ltd  
2A Laurel Way  
Bishop Auckland  
Co. Durham  
DL14 7NF  
**Tel:** 07493 064263  
**Email:** technical@bathandbodybase.com

#### 1.4. Emergency telephone number

**Emergency tel:** 07493 064263

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification under Regulation (EC) No 1272/2008

**Class and category of danger:** Skin Corrosion/Irritation Category 2  
Sensitization - Skin Category 1  
Aspiration Hazard Category 1  
Hazardous to the Aquatic Environment - Long-term Hazard Category 2  
H304, May be fatal if swallowed and enters airways.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H411, Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Classification under Regulation (EC) No 1272/2008

**Hazard statements:** H304, May be fatal if swallowed and enters airways.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H411, Toxic to aquatic life with long lasting effects.

**Signal word:** Danger

**M factor:** None

**Supplemental information:** None

**Pictograms:**



**Precautionary statements:**

P261, Avoid breathing vapour or dust.  
 P264, Wash hands and other contacted skin 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/eye protection/face protection.  
 P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P302/352, IF ON SKIN: Wash with plenty of soap and water.  
 P331, Do not induce vomiting.  
 P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
 P362, Take off contaminated clothing and wash before reuse.  
 P391, Collect spillage.  
 P405, Store locked up.  
 P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

### 2.3. Other hazards

**Other hazards:** Hydrocarbon concentration %: 13.5000%

## Section 3: Composition/information on ingredients

### 3.1. Substances

**Product identity:** Peppermint Oil Indian Piperita EP; CAS: 84082-70-2

**Contains:**

Name	CAS	EC	Max	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
l-Menthol	2216-51-5	218-690-9	39.00%	Skin Irrit. 2;H315-H320,-	oral: ATE = 2600mg/kg bw
Menthone	10458-14-7	233-944-9	26.00%	Skin Irrit. 2-Skin Sens.1B;H315-H317,-	oral: ATE = 2500mg/kg bw
d,l-Isomenthone	491-07-6	207-727-4	8.50%	Skin Irrit. 2-Skin Sens.1B;H315-H317,-	oral: ATE = 2500mg/kg bw
Menthyl acetate (isomer unspecified)	16409-45-3	240-459-6	8.00%	Aquatic Chronic 2; H411	
Eucalyptol	470-82-6	207-431-5	7.50%	Flam. Liq. 3-Skin Sens.1B;H226-H317,-	oral: ATE = 2480mg/kg bw
beta-Caryophyllene	87-44-5	201-746-1	5.50%	Skin Sens. 1B-Asp.Tox 1-Aquatic Chronic 4;H304-H317-H413,-	
Neomenthol	491-01-0	207-723-2	5.00%	Skin Irrit. 2-Eye Irrit. 2;H315-H319,-	oral: ATE = 2600mg/kg bw

4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran	494-90-6	207-795-5	3.50%	Acute Tox. 4-Skin Irrit.2-Eye Irrit. 2-Aquatic Chronic 2;H302-H315-H319-H411,-	oral: ATE = 500mg/kg bw
l-Limonene	5989-54-8	227-815-6	3.50%	Flam. Liq. 3-Skin Irrit.2-Skin Sens. 1B-Asp.Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H315-H317-H410,-	M = 1
Pulegone	89-82-7	201-943-2	2.00%	Acute Tox. 4;H302,-	dermal: ATE = 3090mg/kg bw oral: ATE = 470mg/kg bw
beta-Pinene	127-91-3	204-872-5	2.00%	Flam. Liq. 3-Skin Irrit.2-Skin Sens. 1B-Asp.Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H304-H315-H317-H410,-	M = 1
alpha-Pinene	80-56-8	201-291-9	1.50%	Flam. Liq. 3-Acute Tox.4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H226-H302-H304-H315-H317-H410,-	M = 1 oral: ATE = 500mg/kg bw
Terpinolene	586-62-9	209-578-0	1.00%	Skin Sens. 1B-Asp.Tox 1-Aquatic Acute 1-Aquatic Chronic 1;H304-H317-H410,-	M = 1 oral: ATE = 3775mg/kg bw

#### Section 4: First aid measures

##### 4.1. Description of first aid measures

<b>Skin exposure:</b>	IF ON SKIN: Wash with plenty of soap and water.
<b>Eye exposure:</b>	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
<b>Ingestion:</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
<b>Inhalation:</b>	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

##### 4.2. Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause an allergic skin reaction.

##### 4.3. Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

#### Section 5: Fire-fighting measures

##### 5.1. Extinguishing media

**Suitable media:** Carbon dioxide, dry chemical, foam.

##### 5.2. Special hazards arising from the substance or mixture

**In case of fire, may be liberated:** Carbon monoxide, unidentified organic compounds.

**5.3. Advice for fire-fighters**

In case of insufficient ventilation, wear suitable respiratory equipment.

**Section 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

**6.2. Environmental precautions**

Keep away from drains, surface and ground water, and soil.

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

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

**6.4. Reference to other sections**

Also refer to Sections 8 and 13.

**Section 7: Handling and storage****7.1. Precautions for safe handling**

Keep away from heat, sparks, open flames and hot surfaces - no smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**7.3. Specific end use(s)**

<b>Flavours, Fragrances:</b>	Use in accordance with good manufacturing and industrial hygiene practices.
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**Section 8: Exposure controls/personal protection****8.1. Control parameters**

<b>Workplace exposure limits:</b>	Not applicable.
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**8.2. Exposure controls**

**Respiratory protection:**

Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel:

- a) Increase ventilation of the area with local exhaust ventilation.
- b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters.
- c) Use closed systems for transferring and processing this material.

**Eye/skin protection:**

Wear protective gloves/eye protection/face protection.

**Other:**

Also refer to Sections 2 and 7.

**Section 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

<b>Physical state/colour:</b>	Colourless to pale yellow to greenish-yellow liquid
<b>Odour:</b>	Fresh, menthol, cool, sweet, minty
<b>Odour threshold:</b>	Not determined
<b>Melting point/freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range:</b>	Not determined
<b>Flammability:</b>	Not determined
<b>Lower and upper explosion limit:</b>	Not determined
<b>Flash point:</b>	70°C
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not relevant
<b>pH:</b>	Not determined
<b>Kinematic viscosity:</b>	Not determined
<b>Solubility:</b>	Insoluble in water
<b>Partition coefficient: n-octanol/water (log value):</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Density and/or relative density:</b>	0.9000 - 0.9160
<b>Relative vapour density:</b>	Not determined
<b>Particle characteristics:</b>	Not determined

**9.2. Other information**

**Other information:** None available.

**Section 10: Stability and reactivity**
**10.1. Reactivity**

Presents no significant reactivity hazard, by itself or in contact with water.

**10.2. Chemical stability**

Good stability under normal storage conditions.

### 10.3. Possibility of hazardous reactions

Not expected under normal conditions of use.

### 10.4. Conditions to avoid

Avoid extreme heat.

### 10.5. Incompatible materials

Avoid contact with strong acids, alkalis or oxidising agents.

### 10.6. Hazardous decomposition product

Not expected.

## Section 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Acute toxicity:</b>	Based on available data the classification criteria are not met.
<b>Acute toxicity oral:</b>	2540mg/kg
<b>Acute toxicity dermal:</b>	>5000
<b>Acute toxicity inhalation:</b>	Not available
<b>Skin corrosion/irritation:</b>	Skin Corrosion/Irritation Category 2
<b>Serious eye damage/irritation:</b>	Based on available data the classification criteria are not met.
<b>Respiratory or skin sensitisation:</b>	Sensitization - Skin Category 1
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	Aspiration Hazard Category 1

#### Information about hazardous ingredients in the mixture:

Component	CAS	EC	LD50/ATE Oral (mg/kg)	LD50/ATE Dermal (mg/kg)	LC50/ATE Inhalation	LC50 Route
4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran	494-90-6	207-795-5	500	Not available	Not available	Not available
Pulegone	89-82-7	201-943-2	470	3090	Not available	Not available
alpha-Pinene	80-56-8	201-291-9	500	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

### 11.2. Information on other hazards

Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

Not available.

### 12.3. Bioaccumulative potential

Not available.

### 12.4. Mobility in soil

Not available.

### 12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

### 12.6. Endocrine disrupting properties

Not available.

### 12.7. Other adverse effects

Not available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## Section 14: Transport information

	UN Number	UN Proper Shipping Name	Transport Hazard Class (es)	Packing Group
UN Model Regulations	UN3082	Environmentally Hazardous Substance, Liquid, N.O.S. (l-Limonene, beta-Pinene)	9	III
IMDG	UN3082	Environmentally Hazardous Substance, Liquid, N.O.S. (l-Limonene, beta-Pinene) Marine Pollutant	9	III
ADR, RID, ADN	UN3082	Environmentally Hazardous Substance, Liquid, N.O.S. (l-Limonene, beta-Pinene)	9	III
ICAO TI	UN3082	Environmentally Hazardous Substance, Liquid, N.O.S. (l-Limonene, beta-Pinene)	9	III

<b>Environmental hazards:</b>	This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.
<b>Special precautions for user:</b>	None additional.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable.

**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

None additional.

**15.2. Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

**Section 16: Other information****16.1. Other information**

<b>Concentration % Limits:</b>	SCI 2=11.24% SS 1=3.85% AH 1=74.07% EH C2=27.32% EH C3=2.73% EH C4=100.00% EDI 2A=21.05%
<b>Total Fractional Values:</b>	SCI 2=8.90 SS 1=26.00 AH 1=1.35 EH C2=3.66 EH C3=36.60 EH C4=1.00 EDI 2A=4.75
<b>Other information:</b>	* Indicates text in the SDS which has changed since the last revision.
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