

SAFETY DATA SHEET PEPPERMINT OIL INDIA

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

1.1. Product identifier

Product name: PEPPERMINT OIL INDIA

REACH registered number(s): UK-01-4545352377-6-0006

CAS number: 98306-02-6

EINECS number: 308-770-2

Index number: 2848

Product code: MENAR100313

Synonyms: MENTHA ARVENSIS OIL

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

Use of substance / mixture: E.U Commodity Code: 3301 24 1000 FDA: 182.20

1.3. Details of the supplier of the safety data sheet

Company name: G.Baldwin &Co.Ltd.

171-173 Walworth Road

London

SE17 1RW

United Kingdom

Tel: 02077035550

Fax: 02072526264

Email: sales@baldwins.co.uk

1.4. Emergency telephone number

Emergency tel: 020770355500

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Skin Corr. 1A: H314; Skin Sens. 1: H317; -: EUH208; Asp. Tox. 1: H304

Most important adverse effects: Contains pinene alpha, beta-pinene. May produce an allergic reaction. May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

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Hazard statements: EUH208: Contains pinene alpha, beta-pinene. May produce an allergic reaction.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS08: Health hazard



Signal words: Danger

Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P273: Avoid release to the environment.

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

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P302+P352: IF ON SKIN: Wash with plenty of water.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P331: Do NOT induce vomiting.

P391: Collect spillage.

2.3. Other hazards

Other hazards: Risk of explosion if heated under confinement.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

MENTHOLS

EINECS	CAS	PBT / WEL	CLP Classification	Percent
218-690-9	2216-51-5	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	30-50%

MENTHYL ACETATE

201-911-8	89-48-5	-	Skin Irrit. 2: H315	1-10%
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(+)-NEOMENTHOL

-	2216-52-6	-	Skin Sens. 1: H317	1-10%
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D,L-LSOMENTHONE

-	491-07-6	-	Skin Sens. 1: H317	1-10%
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4,5,6,7-TETRAHYDRO-3,6-DIMETHYLBENZOFURAN

-	494-90-6	-	Skin Sens. 1: H317	1-10%
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LIMONENE

227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304	1-10%
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BETA CARYOPHELLENE

201-746-1	87-44-5	-	Skin Sens. 1: H317; Aquatic Chronic 4: H413; Aquatic Acute 1: H400; Skin Corr. 1A: H314; Asp. Tox. 1: H304	1-10%
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PULEGONES

201-943-2	89-82-7	-	Skin Irrit. 2: H315	1-10%
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BETA-PINENE

204-872-5	127-91-3	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317; Asp. Tox. 1: H304; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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PINENE ALPHA

201-291-9	80-56-8	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1B: H317; Asp. Tox. 1: H304	<1%
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TERPINOLENE

209-578-0	586-62-9	-	Skin Sens. 1B: H317; Asp. Tox. 1: H304; Aquatic Chronic 1: H410; Flam. Liq. 3: H226; Aquatic Acute 1: H400	<1%
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CIS-3-OCTEN-1-OL

-	20125-84-2	-	Skin Sens. 1: H317	<1%
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Contains: Essential oil of *Mentha piperita*, Labiateae. (distilled)

100% natural from named source.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

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Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out

contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: 9-12 months from date of despatch if kept under optimum conditions.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale straw

Odour: Characteristic odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Non-viscous

Flash point°C: 72

Part.coeff. n-octanol/water: 1.4550 to 1.4655

Vapour pressure: -16.0 to -30.0

Relative density: 0.896 to 0.906

pH: <10

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

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Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORL	RAT	LD50	2426	mg/kg
ORL	MUS	LD50	2490	mg/kg
IPR	RAT	LD50	819	mg/kg
SCU	RAT	TDLO	50mg/kg(5D	male):REP
SCU	RAT	TDLo	20mg/kg(9-	10Dpreg)RE
SCU	RAT	TDLo	50mg/kg(5-	D-male)REP
SCU	RAT	TDLo 20mg	/kg(9-10D	preg):REP

Hazardous ingredients:

LIMONENE

IVN	MUS	LD50	1010	µl/kg
ORL	MUS	LD50	5550	µl/kg
ORL	RAT	LD50	5300	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

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Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: Not Regulated

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: Recommended for professional use only as an ingredient in perfumes and food flavours.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

Legal 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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.