

MATERIAL SAFETY DATA SHEET

PEPPERMINT OIL (AMERICAN EXTRA)

Section 1: Identification of the substance/mixture and of the company/undertaking
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1.1. Product identifier

Product name: PEPPERMINT OIL -AMERICAN EXTRA

CAS number: 90063-97-1

EINECS number: 290-058-5

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

Use of substance / mixture: E.U Com. Code: 3301 25 10. INCI Name: Mentha
Piperita Mentha arvensis

1.3. Details of the supplier of the safety data sheet

G. Baldwin & Co.

173 Walworth Road,

LONDON, ENGLAND. SE17 1RW.

Telephone: +44 (0) 207 703 5550 Fax: +44 (0)207 252 6264

E-mail: info@baldwins.co.uk

Web: www.baldwins.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 207 703 5550
(office hours only)

Section 2: Hazards identification
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2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard statements:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental

Precautionary statements:

P264: Wash hands thoroughly after handling.

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

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P321: Specific treatment (see instructions on this label).

P332+313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

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
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3.2. Mixtures

Hazardous ingredients:

MENTHOLS

EINECS CAS PBT / WEL CLP Classification Percent

201-939-0 89-78-1 Skin

Irrit. 2: H315 30-50%

MENTHOFURAN

207-795-5 494-90-6 Skin

Irrit. 2: H315 1-10%

MENTHYL ACETATE

201-911-8 89-48-5 Skin

Irrit. 2: H315 1-10%

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%

PULEGONES

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

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%

Contains:

Essential oil of *Mentha arvensis*, Labiateae. (distilled)
100% natural from named source.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

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

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures
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5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Alcohol resistant foam. Do not use water.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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:

Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Do not attempt to take action without suitable protective clothing – see section 8 of SDS.

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: Mix with sand or vermiculite. Neutralise with dilute hydrochloric acid. Wash the spillage site with large amounts of water.

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: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Keep away from direct sunlight.

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. Ensure lighting and electrical equipment are not a source of ignition.

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

Hand protection:

Protective gloves should always be worn, for splash protection use PVC, for limited contact or more extensive contact nitrile gloves are advised. Glove performance can vary widely and the user is advised to obtain appropriate professional advice taking into account the conditions under which the glove is to be used.

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

Skin protection: Protective clothing with elasticated cuffs and closed neck.

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: 69 Part.coeff. n-octanol/water: 1.4520 to 1.4660

Vapour pressure: -12.5 to -24.0 Relative density: 0.890 to 0.905

pH: <10

9.2. Other information

No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable at room temperature.

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: Direct sunlight. Heat. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Oxidising agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

<h2>Section II: Toxicological information</h2>

II.1. Information on toxicological effects

Toxicity values:

Route Species Test Value Units

SCU RAT TDLo 20mg/kg(910Dpreg)

RE

SCU RAT TDLO 50mg/kg(5D male):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 substance:

Hazard Route Basis

Skin corrosion/irritation DRM Hazardous: calculated

Respiratory/skin sensitisation DRM Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Insoluble in water. 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

Section 13: Disposal considerations
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13.1. Waste treatment methods

NB:

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

Section 14: Transport information
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14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: Environmentally hazardous substance, liquid, n.o.s.

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

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

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

Phrases used in s.2 and s.3:

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

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.

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.



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