

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

1.1. Product identifier

| | |
|-----------------------|---|
| Product form | : Substance |
| Substance name | : Peppermint Piperita Essential Oil Organic |
| Chemical name | : Mentha Piperita Oil |
| EC Index-No. | : 282-015-4 |
| EC-No. | : 282-015-4 |
| CAS-No. | : 84082-70-2 / 8006-90-4 |
| REACH registration No | : 05-2116406090-64 |
| Product code | : 158 |
| Synonyms | : Peppermint EP, Peppermint Oil, Mentha Piperita Oil, Mentha piperita L., Mentha piperita, Labiatae extract, Indian Peppermint Oil, Indian Piperita Oil |

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

1.2.1. Relevant identified uses

| | |
|----------------------------------|---|
| Main use category | : Consumer use |
| Industrial/Professional use spec | : Industrial For professional use only |

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Naissance
Unit 9 & 11 Milland Road Industrial Estate Milland Road
SA11 1NJ Neath
United Kingdom
www.naissance.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]


| | |
|---|------|
| Skin corrosion/irritation, Category 2 | H315 |
| Serious eye damage/eye irritation, Category 2 | H319 |
| Skin sensitisation, Category 1 | H317 |
| Hazardous to the aquatic environment — Chronic Hazard, Category 3 | H412 |
| Full text of H- and EUH-statements: see section 16 | |

Adverse physicochemical, human health and environmental effects

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

| | |
|-------------------------|---|
| Hazard pictograms (CLP) | :  |
| | GHS07 |
| Signal word (CLP) | : Warning |

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| | |
|--------------------------------|---|
| Hazard statements (CLP) | : H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P264 - Wash hands, forearms and face 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. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P501 - Dispose of contents to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

| | |
|--------------|---|
| Name | : Peppermint Piperita Essential Oil Organic |
| CAS-No. | : 84082-70-2 / 8006-90-4 |
| EC-No. | : 282-015-4 |
| EC Index-No. | : 282-015-4 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--------------------|---|-----------|--|
| L-Menthol | CAS-No.: 2216-51-5 EC-No.: 218-690-9 | 30 – 55 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 |
| Trans-Menthone | CAS-No.: 89-80-5 EC-No.: 201-941-1 | 12 – 33 | Aquatic Chronic 3, H412 Flam. Liq. 3, H226 |
| menthyl acetate | CAS-No.: 16409-45-3 | 2 – 10 | Aquatic Chronic 2, H411 |
| Cineole | CAS-No.: 470-82-6 EC-No.: 207-431-5 | 2 – 10 | Flam. Liq. 3, H226 Skin Sens. 1, H317 |
| Menthofuran | CAS-No.: 494-90-6 EC-No.: 207-795-5 | 2 – 9 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 |
| Iso-menthone | CAS-No.: 491-07-6 EC-No.: 207-727-4 | 1 – 6 | Skin Irrit. 2, H315 Skin Sens. 1, H317 |
| Pulegone | CAS-No.: 89-82-7 EC-No.: 201-943-2 | 0.5 – 4 | Acute Tox. 4 (Oral), H302 |
| beta-Caryophyllene | CAS-No.: 87-44-5 EC-No.: 201-746-1 | 0.5 – 3.5 | Skin Sens. 1, H317 Asp. Tox. 1, H304 |
| Limonene | CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2 | 0.01 – 3 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--------------|---|------------|---|
| PIPERITONE | CAS-No.: 89-81-6 EC-No.: 201-942-7 | 0.01 – 2 | Not classified |
| Germacrene-D | CAS-No.: 37839-63-7 | 0.01 – 2 | Not classified |
| Alpha-Pinene | CAS-No.: 80-56-8 / 7785-26-4 EC-No.: 201-291-9 | 0.01 – 2 | Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Beta-Pinene | CAS-No.: 127-91-3 EC-No.: 204-872-5 | 0.01 – 2 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Sabinene | CAS-No.: 3387-41-5 EC-No.: 222-212-4 | 0.01 – 1.5 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 |
| γ-Terpinene | CAS-No.: 99-85-4 | 0.01 – 1 | Flam. Liq. 3, H226 Asp. Tox. 1, H304 |
| p-Cymene | CAS-No.: 99-87-6 EC-No.: 202-796-7 EC Index-No.: 601-094-00-1 | 0.01 – 0.2 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Asp. Tox. 1, H304 |

Full text of H- and EUH-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. Wash with plenty of water/... Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs: |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Rinse mouth. Do not induce vomiting. Get medical advice/attention. Do NOT induce vomiting. Obtain emergency medical attention. |

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

| | |
|-----------------------------------|--|
| Symptoms/effects after inhalation | : May cause an allergic skin reaction. |
|-----------------------------------|--|

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Symptoms/effects after skin contact : Causes skin irritation.
Symptoms/effects after eye contact : Causes serious eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry powder. Foam. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Explosion hazard : Explosion risk in case of fire.
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Firefighting instructions : In case of fire: stop leak if safe to do so. Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment. Evacuate area. Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Clean up any spills as soon as possible, using an absorbent material to collect it. Minimise generation of dust. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources, Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| Limonene (5989-27-5) | |
|---|--|
| Germany - Occupational Exposure Limits (TRGS 900) | |
| Local name | (R)-p-Mentha-1,8-dien (D-Limonen) |
| AGW (OEL TWA) [1] | 28 mg/m ³ |
| AGW (OEL TWA) [2] | 5 ppm |
| Peak exposure limitation factor | 4(II) |
| Remark | DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); H - hautresorptiv; Sh - Hautsensibilisierender Stoff; Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden |
| Regulatory reference | TRGS900 |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Gas mask. Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses. Chemical goggles or safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves. Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke when using this product. Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | : Liquid |
| Appearance | : Liquid. |
| Colour | : Colourless to pale yellow. |
| Odour | : characteristic. Mint, fresh. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : @101 325 Pa: - 74°C (L-Limonene) |
| Boiling point | : @101 325 Pa: 176°C (L-Limonene) |
| Flash point | : 66 °C (Pensky Martens Closed Cup method) |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Not applicable, Non flammable. |
| Vapour pressure | : @ 25°C: 200Pa (L-Limonene) |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 0.9 – 0.916 @20°C |
| Solubility | : Water: @ 25°C: 12.3mg/L (L-Limonene) |

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| | |
|---|---------------------|
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

Refractive index : 1.457 – 1.465 at 20 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Not established.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong bases. Strong acids. Oxidizing agent.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. fume.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Peppermint Piperita Essential Oil Organic (84082-70-2 / 8006-90-4) | |
|--|---|
| LD50 oral rat | 2426 mg/kg |
| LD50 dermal rabbit | 5000 mg/kg |
| Cineole (470-82-6) | |
| LD50 oral rat | 2480 mg/kg |
| LD50 dermal | > 2000 mg/kg |
| LC50 Inhalation - Rat | > 20 mg/l |
| beta-Caryophyllene (87-44-5) | |
| LD50 oral | > 5000 mg/kg bodyweight Animal: mouse, Animal sex: male, Remarks on results: not determinable due to absence of adverse toxic effects |
| Limonene (5989-27-5) | |
| LD50 oral rat | 4400 mg/kg |
| LD50 dermal | > 2000 mg/kg |

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| Limonene (5989-27-5) | |
|---|--|
| LC50 Inhalation - Rat | > 20 mg/l |
| Alpha-Pinene (80-56-8 / 7785-26-4) | |
| LD50 oral rat | 3700 mg/kg |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)) |
| Beta-Pinene (127-91-3) | |
| LD50 dermal rat | ≈ 4700 mg/kg |
| Sabinene (3387-41-5) | |
| LD50 oral rat | 300 – 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) |
| p-Cymene (99-87-6) | |
| LD50 oral rat | 4750 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg bodyweight Animal: rabbit, Guideline: other: |
| LD50 dermal | > 2000 mg/kg |
| LC50 Inhalation - Rat | > 20 mg/l/4h |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Reproductive toxicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-single exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Sabinene (3387-41-5) | |
| STOT-single exposure | May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Aspiration hazard | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met |
| SECTION 12: Ecological information | |
| 12.1. Toxicity | |
| Ecology - general | : Harmful to aquatic life with long lasting effects. Before neutralisation, the product may represent a danger to aquatic organisms. |
| Ecology - water | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects. |
| beta-Caryophyllene (87-44-5) | |
| EC50 - Crustacea [1] | > 0.17 mg/l Test organisms (species): Daphnia magna |

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| beta-Caryophyllene (87-44-5) | |
|---|--|
| EC50 72h - Algae [1] | > 0.033 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| Limonene (5989-27-5) | |
| LC50 - Fish [1] | ≈ 33 mg/l |
| LC50 - Fish [2] | 702 µg/l Test organisms (species): Pimephales promelas |
| EC50 - Crustacea [1] | 0.1 – 1 mg/l |
| EC50 - Crustacea [2] | 0.51 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | 0.32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 0.214 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| ErC50 algae | 0.1 – 1 mg/l |
| Alpha-Pinene (80-56-8 / 7785-26-4) | |
| LC50 - Fish [1] | 0.303 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 - Crustacea [1] | 0.475 mg/l Test organisms (species): Daphnia magna |
| Sabinene (3387-41-5) | |
| EC50 - Crustacea [1] | ≈ 3960 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | > 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| p-Cymene (99-87-6) | |
| LC50 - Fish [1] | 48 mg/l |
| EC50 - Crustacea [1] | 6.5 mg/l |
| EC50 72h - Algae [1] | 4.03 mg/l Test organisms (species): Scenedesmus capricornutum |
| EC50 72h - Algae [2] | 2.01 mg/l Test organisms (species): Scenedesmus capricornutum |
| 12.2. Persistence and degradability | |
| Peppermint Piperita Essential Oil Organic (84082-70-2 / 8006-90-4) | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| L-Menthol (2216-51-5) | |
| Persistence and degradability | Not established. |
| Trans-Menthone (89-80-5) | |
| Persistence and degradability | Not established. May cause long-term adverse effects in the environment. |
| Cineole (470-82-6) | |
| Persistence and degradability | Not established. |
| Menthofuran (494-90-6) | |
| Persistence and degradability | Not established. May cause long-term adverse effects in the environment. |
| Iso-menthone (491-07-6) | |
| Persistence and degradability | Not established. |

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| Pulegone (89-82-7) | |
|---|--|
| Persistence and degradability | Not established. |
| beta-Caryophyllene (87-44-5) | |
| Persistence and degradability | Not established. |
| Limonene (5989-27-5) | |
| Persistence and degradability | Not established. May cause long-term adverse effects in the environment. |
| Alpha-Pinene (80-56-8 / 7785-26-4) | |
| Persistence and degradability | Not established. May cause long-term adverse effects in the environment. |
| Beta-Pinene (127-91-3) | |
| Persistence and degradability | Not established. May cause long-term adverse effects in the environment. |
| Sabinene (3387-41-5) | |
| Persistence and degradability | Not established. |
| p-Cymene (99-87-6) | |
| Persistence and degradability | Not established. May cause long-term adverse effects in the environment. |
| 12.3. Bioaccumulative potential | |
| Peppermint Piperita Essential Oil Organic (84082-70-2 / 8006-90-4) | |
| Bioaccumulative potential | Not established. |
| L-Menthol (2216-51-5) | |
| Bioaccumulative potential | Not established. |
| Trans-Menthone (89-80-5) | |
| Bioaccumulative potential | Not established. |
| Cineole (470-82-6) | |
| Bioaccumulative potential | Not established. |
| Menthofuran (494-90-6) | |
| Bioaccumulative potential | Not established. |
| Iso-menthone (491-07-6) | |
| Bioaccumulative potential | Not established. |
| Pulegone (89-82-7) | |
| Bioaccumulative potential | Not established. |
| beta-Caryophyllene (87-44-5) | |
| Bioaccumulative potential | Not established. |
| Limonene (5989-27-5) | |
| Bioaccumulative potential | Not established. |
| Alpha-Pinene (80-56-8 / 7785-26-4) | |
| Bioaccumulative potential | Not established. |

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Beta-Pinene (127-91-3)

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

Sabinene (3387-41-5)

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

p-Cymene (99-87-6)

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| Ecology - waste materials | : Avoid release to the environment. |

SECTION 14: Transport information

In accordance with ADR

| | ADR |
|---|---------------|
| 14.1. UN number | Not regulated |
| 14.2. UN proper shipping name | Not regulated |
| 14.3. Transport hazard class(es) | Not regulated |
| 14.4. Packing group | Not regulated |
| 14.5. Environmental hazards | Not regulated |
| No supplementary information available | |

14.6. Special precautions for user

Overland transport

Not regulated

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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

No REACH Annex XVII restrictions

REACH Annex XIV (Authorisation List)

Peppermint Piperita Essential Oil Organic is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

Peppermint Piperita Essential Oil Organic is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Peppermint Piperita Essential Oil Organic is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

Peppermint Piperita Essential Oil Organic is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Peppermint Piperita Essential Oil Organic is not subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV; ID No. 2908).
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:

| | |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |

Peppermint Piperita Essential Oil Organic

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory 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. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.