

### Section 1: Identification

#### 1.1 Product Identification

|                       |  |                |            |
|-----------------------|--|----------------|------------|
| Product name          | Peppermint, essential oil  | Product number | E1036      |
| Biological definition | Mentha Piperita Oil is the volatile oil obtained from the whole plant of the Peppermint, Mentha Piperita (L.), Labiatae. |                |            |
| INCI Name             | Mentha Piperita Oil  |                |            |
| Trade name            | Mentha Piperita Extract  | CAS            | 84082-70-2 |
| Organic               | Yes  | EC             | 282-015-4  |

#### 1.2 Area of use

|              |  |
|--------------|--|
| Area of use  | This substance is used in the following products: washing & cleaning products, biocides (e.g. disinfectants), air care products, polishes and waxes, perfumes and fragrances and cosmetics and personal care products. |
| Avoid to use | See section 2.   |

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

|                 |  |  |  |
|-----------------|--|--|--|
| Company Address | Opella AB<br>Garvargatan 7<br>112 21 Stockholm |  (+46) 08-12151215<br> (+46) 070 483 66 26 |  <a href="mailto:info@opella.se">info@opella.se</a><br> <a href="http://www.opella.se">www.opella.se</a> |
|-----------------|--|--|--|

#### 1.4 Emergency contacts


|         |               |   |
|---------|---------------|---|
| Contact | Jonas Persson |  (+46) 08-12151215<br> (+46) 070 483 66 26 |
|---------|---------------|---|

### Section 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

|                    |  |                |
|--------------------|--|----------------|
| EG 1272/2008 (CLP) | Skin Irrit. 2<br>Skin Sen. 1<br>Eye Irrit. 2 | Aquatic Chr. 3 |
|--------------------|--|----------------|

#### 2.2 Label elements

|  |  |
|--|--|
| GHS Label                              |   |
| Signal word                            | Warning  |
| Hazard statement                       | H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.<br>H412 Harmful to aquatic life with long lasting effects.  |
| Precautionary statements               | P273 Avoid release to the environment.<br>P302+P352 IF ON SKIN: Wash with plenty of water/...<br>P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.<br>P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.<br>P501 Dispose of contents/container to ... |
| Supplementary precautionary statements | -  |

### 2.3 Other hazards

|                                     |   |
|-------------------------------------|---|
| Adverse physico-chemical properties | Combustible but should not self-ignite. |
| Adverse effects on human health     | See section 2.2                         |

## Section 3: Composition of Ingredients

### 3.1 Substances

| Identification         | Volym %  | EC number | CAS number | Classification CLP   |
|------------------------|----------|-----------|------------|--|
| L-Menthol              | 35-45%   | 218-690-9 | 2216-51-5  | Skin Irrit. 2 - 315  |
| Menthones              | 15-25%   | 237-926-1 | 14073-97-3 | Aquatic Chronic 3 - H412   |
| Methyl Aetate          | 5-8%     | 201-911-8 | 89-48-5    | Aquatic Chronic 2 - H411   |
| 1,8-Cineole            | 2,5-5%   | 207-431-5 | 470-82-6   | Flam. Liq 3 - H226; Skin Sens. 1 - H317  |
| Menthofuran            | 3-6%     | 207-795-5 | 434-90-6   | Acute Tox. 4 - H302; Skin Irrit. 2 - H315; Aquatic Chronic 2 - H411  |
| $\alpha$ -Pinene       | 2,5-5%   | 201-291-9 | 80-56-8    | Flam. Liq 3 - H226; Skin Irrit. 2 - H315; Skin Sens. 1 - H317; Asp Tox. 1 - H304   |
| Limonene               | 1-4%     | 227-813-5 | 5989-27-5  | Flam. Liq 3 - H226; Skin Irrit. 2 - H315; Asp Tox. 1 - H304; Skin Sens. 1 - H317; Aquatic Acute 1 - H400; Aquatic Chronic 1 - H410 |
| Pulegone               | 1-4%     | 240-070-1 | 15932-80-6 | Acute Tox. 4 - H302  |
| $\beta$ -Caryophyllene | 0,7-1,5% | 201-746-1 | 87-44-5    | Asp Tox. 1 - H304; Skin Sens. 1B - H317  |

### 3.2 Mixtures

| Identification | Volym % | CLP | Not in use | Not in use | Not in use |
|----------------|---------|-----|------------|------------|------------|
| -              | -       | -   | -          | -          | -          |

## Section 4: First Aid Measures

### 4.1 Descriptions of first aid measures

|                          |  |
|--------------------------|--|
| General information      | See categories below.  |
| Inhalation               | Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention. |
| Ingestion                | Rinse mouth with water and obtain medical attention. Do not induce vomiting.   |
| Skin contact             | Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.            |
| Eye contact              | Flush immediately with water. Contact physician if symptoms persist.   |
| PPE for assisting person | -  |

### 4.2 Most important symptoms & effects

|   |
|---|
| - |
|---|

### 4.3 Identification of any immediate medical or special treatment required

|   |
|---|
| - |
|---|

### Section 5: Fire Fighting Measures

#### 5.1 Extinguishing material

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

Do not use H<sub>2</sub>O

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

Burning produces irritating, toxic and obnoxious fumes.

#### 5.3 Advice for fire-fighters

Wear appropriate protective clothing and positive-pressure self-contained breathing apparatus (SCBA).

### Section 6: Accidental Release Measures

#### 6.1 Personal precautions

Ensure adequate ventilation of the working area and wear suitable protective equipment. Avoid contact with skin, eyes and clothing.

#### 6.2 Environmental precautions

Do not discharge into drains, water courses or onto the ground. Dispose in line with applicable regulations.

#### 6.3 Methods and material for containment and cleaning up

Contain spillage immediately by use of sand or inert powder. Avoid excessive inhalation of vapours. Dispose in line with applicable regulations.

#### 6.4 References to other sections

See section 8 and 13.

### Section 7: Handling and Storage

#### 7.1 Precautions for safe-handling

Handle in accordance with good hygiene and safety practice. Store in original packages in areas with adequate ventilation.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep the product container tightly closed, in a dry, ventilated area. Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

#### 7.3 Specific end use

N/A

### Section 8: Exposure Controls/Personal Protection

#### 8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

#### 8.2 Exposure controls

Suitable technical controls Use areas with adequate ventilations.

Eye protection



Use eye protection / face protection

Hand protection



Use protective gloves

Respiratory equipment

Use areas with adequate ventilations.

Hygiene measures

Wash hands with soap and water after handling of material.

### Section 9: Physical and Chemical Properties

#### 9.1 Physical and chemical properties

Appearance Colourless - pale yellow

Odour Fresh, mint

PH -

Melting point -

Boiling point -

Flash point 71°C

Relative density 0,880 - 0,915 @ 20°C

Solubility in water Insoluble in water.

#### 9.2 Other information

-

### Section 10: Stability and Reactivity

#### 10.1 Reactivity

No hazardous reaction if stored and handled as prescribed.

#### 10.2 Chemical stability

Stable under normal storage conditions.

#### 10.3 Possibility if hazardous reactions

No.

#### 10.4 Conditions to avoid

Storage at high temperatures. Do not store above 25°C.

#### 10.5 Incompatible materials

Strong oxidising substances.

#### 10.6 Hazardous decomposition products

Under fire conditions the product will produce a mixture of irritating fumes, smoke and carbon monoxide.

### Section 11: Toxicological Information

#### 11.1 Toxological effects

|                                 |   |
|---------------------------------|---|
| Acute toxicity - oral           | No data   |
| Acute toxicity - dermal         | No data   |
| Acute toxicity - inhalation     | No data   |
| Respiratory or skin sensitivity | H315 Causes skin irritation (Skin Irrit. 2)       |
| Eye damage or irritation        | H319 Causes serious eye irritation (Eye Irrit. 2) |
| Germ cell mutagenicity          | No data   |
| Carcinogenicity                 | No data   |
| Reproductive toxicity           | No data   |
| STOT - single exposure          | No data   |
| STOT - repeated exposure        | No data   |
| Other information               | No data   |

### Section 12: Ecological Information

#### 12.1 Toxicity

H412 Harmful to aquatic life with long lasting effects (Aquatic Chronic 3)

#### 12.2 Persistence and degradability

This material is considered readily biodegradable, therefore does not fulfil the criteria for persistence.

#### 12.3 Bio- accumulative potential

Bio- accumulation potential.

#### 12.4 Mobility in soil

This material is considered readily biodegradable, therefore simulation tests in surface water, sediment and soil are not required in accordance with column 2 of REACH Annex IX.

#### 12.5 Results of PBT and VPVB assessment

This substance does not meet the PBT/vPVB criteria of REACH, Annex XIII.

#### 12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways.

### Section 13: Disposal Considerations

#### 13.1 Waste treatments methods

Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with applicable regulations.

### Section 14: Transportation Information

|                        |   |
|------------------------|---|
| Transport information  | Environmental Hazardous Substance, Liquid N.O.S |
| UN-nummer              | UN 3082   |
| Transport hazard class | Class 9, ID 90                                  |
| Packing group          | Pk Gp III                                       |
| Environmental hazards  | See section 2 and 12.                           |
| Special precautions    | -   |

### Section 15: Regulatory Information

#### 15.1 Product specific safety, health and environmental regulations

|                           |   |
|---------------------------|---|
| EU directives             | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency. 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. |
| Statutory instruments     | -   |
| Approved code of practice | -   |
| Other EU directives       | Council Directive 1999/13/EC of 11 March 1999 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations.  |

#### 15.2 Chemical safety assessment

|  |   |
|--|---|
|  | - |
|--|---|

### Section 16: Other Information

#### 16.1 Abbreviations & acronyms

|        |   |
|--------|---|
| INCI   | International Nomenclature of Cosmetic Ingredients                                  |
| CAS    | Chemical Abstract Service.  |
| ADR    | European Agreement Concerning the International Carriage of Dangerous Goods by Road |
| GHS    | Globally Harmonized System of Classification and Labelling of Chemicals             |
| STOT   | Specific Target Organ Toxicity  |
| EINECS | European Inventory of Existing Commercial Chemical Substances                       |
| CLP    | CLP EU regulation (Classification, labelling and packaging)                         |
| VOC    | Volatile Organic Compounds.   |

#### 16.2 Disclaimer

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|--|--|
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#### 16.3 Document revision

| Date       | Change description |
|------------|--------------------|
| 2021-03-01 | Created            |
| 2022-12-01 | Revised            |