


|  |   |                                      |
|--|---|--------------------------------------|
| <b>1. Identification of the substances / mixture and of the company/undertaking.</b>     |   |                                      |
| <b>1.1 Product identifier: Peppermint Oil Piperita USA</b>                               |   |                                      |
| <b>Substance name: Mentha Piperita Oil</b>   |   |                                      |
| <b>Biological Definition</b>   |   |                                      |
| <b>INCI Name</b>   |   |                                      |
| <b>Synonyms &amp; Trade Names</b>  |   |                                      |
| FEMA Number: 2848  |   |                                      |
| <b>EC NO: 282-015-4</b>  | <b>CAS NO: 8006-90-4</b>  | <b>EINECS CAS Number: 84082-70-2</b> |
| <b>Index No:</b>   | <b>Reach Registration No:</b>   |                                      |
| <b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b> |   |                                      |
| <b>Identified uses:</b> Multiple uses in the Flavour and Fragrance industries.           |   |                                      |
| <b>Uses advised against:</b>   |   |                                      |
| <b>1.3 Details of the supplier of the safety data sheet</b>                              |   |                                      |
| <b>Company</b>   | Penny Price Aromatherapy Ltd  |                                      |
|  | Unit D3 Radius Court  |                                      |
|  | Maple Drive   |                                      |
|  | Hinckley  |                                      |
|  | Leicestershire LE10 3BE   |                                      |
| <b>Email</b>   | info@penny-price.com  |                                      |
| <b>1.4 Emergency Telephone Number</b>  | 00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. <u>Or call NHS 111 or NHS 999</u> |                                      |

|  |  |      |                                |
|--|--|------|--------------------------------|
| <b>2. Hazards Identification</b>   |  |      |                                |
| <b>2.1 Classification of the substance or mixture</b>                              |  |      |                                |
| <b>Classified according to Regulation (EC) 1272/2008 (CLP) as amended</b>          | Physical and Chemical Hazards                    |      |                                |
|  | Human Health                                     |      |                                |
|  | Environment                                      |      |                                |
| <b>2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:</b>      |  |      |                                |
|  |  |      |                                |
| <b>Signal Word. DANGER</b>   |  |      |                                |
| <b>Hazard statements.</b>  |  |      |                                |
| H227   | Combustible liquid                               | H303 | May be 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. |
| H411   | Toxic to aquatic life with long lasting effects. |      |                                |
| <b>Precautionary statements.</b>   |  |      |                                |
| 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 CENTRE or doctor.   |
| P305+P351+P338 | IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. |
| P331           | Do NOT induce vomiting.   |
| P391           | Collect spillage.   |

**Supplementary Precautionary Statements:**

|  |  |
|--|--|
| <b>2.3 Other hazards – Results of PBT and vPvB According to Annex XIII</b> |  |
| <b>Adverse Physio-chemical Properties</b>                                  |  |
| <b>Adverse Effects on Human Health</b>                                     |  |

**3. 1 Composition / information on ingredients:**

|                          |  |                                    |                          |
|--------------------------|--|------------------------------------|--------------------------|
| <b>Substances</b>        | <b>Peppermint Oil Piperita 100%</b>    |                                    |                          |
| <b>EINECS CAS Number</b> | <b>84082-70-2</b>                      |                                    |                          |
| <b>CAS Number</b>        | <b>8006-90-4</b>                       |                                    |                          |
| <b>EC Number</b>         | <b>282-015-4</b>                       |                                    |                          |
| <b>Substance name</b>    | <b>Index number under CLP Annex VI</b> | <b>Weight % content (or range)</b> | <b>CL, M-Factor, ATE</b> |
|                          |  |                                    |                          |
|                          |  |                                    |                          |

**4. First Aid Measures**

|   |  |
|---|--|
| <b>4.1 General</b>  | Immediately remove any clothing soiled by the product.   |
| Inhalation  | Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if required.   |
| Eye contact   | Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists seek medical advice / attention. |
| Skin contact  | Take off all contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention.   |
| Ingestion   | Rinse mouth out with water. Do NOT induce vomiting. Immediately call POISON CENTER or GP. Do not give milk or fatty oils.  |
| <b>4.2 Most important symptoms and effects, both acute and delayed:</b> |  |
|   | No further relevant information available.   |

|   |  |
|---|--|
| <b>4.3 Indication of any immediate medical attention and special treatment need</b> |  |
|   | Symptomatic treatment as required.   |
| <b>5. Firefighting Measures</b>   |  |
| <b>5.1 Extinguishing Media:</b>   |  |
| <b>Suitable extinguishing media:</b>  | Foam, CO <sub>2</sub> , Dry Powder   |
| <b>Unsuitable extinguishing media:</b>  |  |
| <b>5.2 Special hazards arising from the substances or mixture:</b>                  |  |
| <b>Hazardous combustion products:</b>   | Combustion Products: Carbon monoxide, Carbon dioxide. Smoke.                   |
| <b>5.3 Advice for firefighters</b>  | Do not use water as extinguishing media. No special fighting equipment needed. |

|   |   |
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| <b>6 Accidental release measures</b>  |   |
| <b>6.1 Personal precautions, protective equipment, and emergency procedures</b> |   |
| <b>6.1.1 For non-emergency personnel</b>  |   |
| <b>Protective equipment:</b>  | Wear clothing suitable for an emergency.  |
| <b>Emergency procedures:</b>  |   |
| <b>6.1.2 For Emergency responders</b>   |   |
| <b>6.2 Environmental precautions</b>  | Contain the leak with earth or sand. Prevent from entering drains, sewers, and water courses. If this cannot be done, advise the local authority. |
| <b>6.3 Methods for cleaning up – 6.3.1 For containment:</b>                     | Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.  |
| <b>6.3.2 For cleaning up:</b>   |   |
| <b>6.3.3. Other information:</b>  |   |
| <b>6.4 Reference to other sections</b>  |   |

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| <b>7. Handling and storage</b>  |  |
| <b>7.1 Precautions for safe handling</b>  |  |
| <b>Protective measures:</b><br>Prevent formation of aerosols.<br>Handle in a well-ventilated area, away from sources of ignition. DO NOT SMOKE.<br>Apply good manufacturing practice and industrial hygiene practices, ensuring proper workplace ventilation.<br>Observe good personal hygiene, and do not eat, drink or smoke whilst handling. |  |
| <b>Measures to prevent fire:</b>  |  |
| <b>Measures to prevent aerosol and dust generation:</b>   |  |

|   |   |
|---|---|
|   |   |
| <b>Measures to protect the environment:</b>                             |   |
| <b>Advice on general occupational hygiene:</b>                          |   |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b> |   |
| <b>Technical measures and storage conditions:</b>                       |   |
| <b>Packaging Materials:</b>   |   |
| <b>Requirements for storage and vessels:</b>                            | Store in well-fitted, tightly closed original containers away from heat, light and sources of ignition. |
| <b>Storage Class:<br/>Further information on storage containers:</b>    |   |
| <b>7.3 Specific end use(s).</b>   | Used in Flavours and Fragrances.  |
| <b>Recommendations:</b>   |   |
| <b>Industrial sector specific solutions:</b>                            |   |

|  |  |
|--|--|
| <b>8. Exposure controls/Personal protection:</b> |  |
| <b>8.1 Control parameters</b>                    | No data available.   |
| <b>8.2 Exposure controls</b>                     |  |
| <b>Engineering Measures</b>                      | Ensure good ventilation of working area.<br>Use suitable handling equipment. |
| <b>8.2.2 Personal Protection equipment</b>       |  |
| 8.2.2.1 Eye / face protection                    | Wear safety goggles.   |
| 8.2.2.2 Skin Protection                          | Wear suitable protective clothing.   |
| Hand protection                                  | Wear gloves.   |
| Other skin protection                            |  |
| 8.2.2.3 Respiratory protection                   | Use only in well ventilated areas. Use protection in poor ventilation.       |
| Ventilation                                      |  |
| 8.2.2.4 Thermal hazards                          |  |

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|--|--|
| <b>8.2.3 Environmental exposure controls</b>                     |  |
| <b>9. Physical and chemical properties- C of A</b>               |  |
| <b>9.1 Information on basic physical and chemical properties</b> |  |
| Colour   | Clear  |
| Appearance   | Mobile liquid  |
| Odour  | Characteristic of Peppermint   |
| Odour Threshold  | No data available  |
| Melting Point / freezing point °C                                | No data available  |
| Boiling point /Initial boiling point & boiling range °C          | No data available  |
| Flammability   | Combustible  |
| Lower and upper explosion limit                                  | No data available  |
| Flash point °C   |  |
| Auto- ignition temperature                                       |  |
| Decomposition temperature  | No data available  |
| pH   |  |
| Kinematic Viscosity  | No data available  |
| Solubility in Water  | Insoluble  |
| Solubility in other Solvents                                     | Soluble  |
| Partition coefficient n-octanol/ water (log value)               | No data available  |
| Vapour Pressure  | No data available  |
| Vapour Density   | No data available  |
| Density and /or relative density                                 |  |
| Relative vapour density  |  |
| Particle characteristics   |  |
| Explosive Properties   | No data available  |
| Oxidising Properties   | None   |
| Particle Size  | Not applicable.  |
| <b>9.2 Other information</b>                                     |  |
| Specific gravity $d_{20}^{20}$                                   | No data available  |
| Optical rotation @ 20°C  |  |
| Refractive index @ 20°C  |  |
| Typical analysis of major components                             |  |
| <b>10. Stability and reactivity</b>                              |  |
| <b>10.1 Reactivity</b>   | Will react with oxidising agents.  |
| <b>10.2 Chemical Stability</b>                                   | Stable under proper storage conditions.  |
| <b>10.3 Possibility of hazardous reactions:</b>                  | Not if stored correctly.   |
| <b>10.4 Conditions to avoid:</b>                                 | Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition. |
| <b>10.5 Incompatible Materials:</b>                              | Oxidising agents.  |

|  |  |
|--|--|
| <b>10.6 Hazardous Decomposition Products</b> | On combustion may produce smoke, carbon monoxide and carbon dioxide. |
|--|--|

**11. Toxicological information**

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

|   |  |
|---|--|
| <b>Information on Toxicological Effects</b>         | This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components. |
| <b>Acute toxicity:</b>                              | LD <sub>50</sub> 12410 mg/kg (Rat). Dermal: No data available (Rabbit).  |
| <b>Skin corrosion /irritation:</b>                  | Causes skin irritation.  |
| <b>Seriously eye damage/irritation:</b>             | May cause serious eye damage.  |
| <b>Respiratory or skin sensitisation:</b>           | May cause an allergic skin reaction.   |
| <b>Germ cell mutagenicity:</b>                      | No data available.   |
| <b>Carcinogenicity:</b>                             | No data available.   |
| <b>Reproductive toxicity:</b>                       | No data available.   |
| <b>Summary of evaluation of the CMR properties:</b> |  |
| <b>STOT- single exposure,</b>                       | No data available.   |
| <b>STOT-repeated exposure:</b>                      | No data available.   |
| <b>Aspiration hazard:</b>                           | No data available.   |

**12. Ecological information**

|  |                    |
|--|--------------------|
| <b>12.1 Toxicity</b>                           | No data available. |
| <b>12.2 Persistency &amp; degradability</b>    | No data available. |
| <b>12.3 Bio accumulative potential</b>         | No data available. |
| <b>12.4 Mobility in soil</b>                   | No data available. |
| <b>12.5 Results of PBT and vPvB Assessment</b> | No data available. |
| <b>12.6 Endocrine disrupting properties</b>    |                    |
| <b>12.7 Other adverse effects</b>              | No data available. |

**13. Disposal considerations**

|                                      |  |
|--------------------------------------|--|
| 13.1 Waste treatment methods         | Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice. |
| 13.1.1. Product /Packaging disposal: |  |

|   |   |
|---|---|
| 13.1.2 Waste treatment-relevant information:    |   |
| 13.1.3 Sewage disposal-relevant information:    |   |
| 13.1.4 Other disposal-relevant recommendations: | Dispose of contents / container in accordance with local/ regional/ national/international regulations. |

#### **14. Transport information**

|  | ADR            | IMDG | ICAO |
|--|----------------|------|------|
| 14.1 UN Number or ID number                                  | 3082           |      |      |
| 14.2 UN proper Shipping name                                 | Peppermint Oil |      |      |
| 14.3 Transport hazard class(es)                              | 9              | 9    | 9    |
| 14.4 Packing group   | III            |      |      |
| 14.5 Environmental hazards                                   |                |      |      |
| 14.6 Special precautions for user                            |                |      |      |
| 14.7 Maritime transport in bulk according to IMO instruments |                |      |      |

#### **15 Regulatory information**

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

This substance is listed as existing in Europe.

|                                 |   |
|---------------------------------|---|
| 15.2 Chemical Safety Assessment | A chemical safety assessment has not been carried out for this product. |
|---------------------------------|---|

#### **16. Other information**

(i) **Indication of Changes: Revised Safety Data Sheet Format:** From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation (EC) No 1272/2008 Version 4.2 March 2021’.

(ii) **Abbreviations and acronyms:**

**DNEL:** Derived No-Effect Level.

**PNEC:** Predicted No- Effect Concentration.

**ADR:** European agreement concerning the international carriage of dangerous goods by road.

**RID:** Regulations concerning the International carriage of Dangerous goods by rail.

**IATA-DGR:** Dangerous Goods Regulations by the “International Air Transport Association” (IATA)

**ICAO:** International Civil Aviation Organisation

**ICAO-TI:** Technical Instructions by the ‘International Civil Aviation Organisation” (ICAO)

**IMDG:** International Maritime Code for Dangerous Goods

**IATA:** International Air Transport Association

**ICAO:** International Maritime Dangerous Goods.

**GHS:** Globally Harmonised System of Classification and Labelling of Chemicals

**EINECS:** European Inventory of Existing Commercial Chemical Substances

**ELINCS:** European List of Notified Chemical Substances

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**WGK:** Water Hazard Class.

**LC50:** Lethal concentration, 50 percent

**LD50:** Lethal Dose, 50 percent

**PBT:** Persistent, Bio accumulative and Toxic  
**vPvB:** Very Persistent and very Bio accumulative  
**Flam. Liq:** Flammable Liquid  
**AT:** Acute Toxicity – O = Oral / D = Dermal / I = Inhalation  
**Asp:** Aspiration Hazard  
**Skin Corr/ Irrit:** Skin Corrosion / Irritation  
**Skin Sens:** Skin Sensation  
**Eye Dam/ Irrit:** Eye damage / Irritation  
**Muta:** Mutagenic  
**Carc:** Carcinogenic  
**Resp:** Respiration Sensitive  
**Repro:** Reproductive Sensitive  
**EH A:** Environmental Hazard Aquatic Acute  
**EH C:** Environmental Hazard Aquatic Chronic

(iii) **Key Literature references and sources of date.**  
 Food Cosmetics Toxicology 13 771 (1975)

(iv) **Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):**

| Classification according to Regulation (EC) 1272/2008(CLP) | Classification procedure                                 |
|--|--|
| (v) <b>Relevant H-statements (number and full text):</b>   |  |
| (vi) <b>Training advice:</b>                               |  |
| (vii) <b>Further information:</b>                          |  |
| <b>Shelf life</b>  | Minimum 12 months when stored in the advised conditions. |

**QC requirements**

In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.

**Disclaimer:**

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.