



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**SAFETY DATA SHEET**

**1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME: **Peppermint Organic Essential Oil**

SUPPLIER: Amphora Aromatics Limited, Airfield House, Western Drive, Bristol, BS14 0AF

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **271**

CAS NUMBER: 8006-90-4 / 84082-70-2

EC NUMBER: 282-015-4

INCI: *Mentha piperita* oil.

BIOLOGICAL DEFINITION: *Mentha piperita* oil is the volatile oil obtained from the whole plant of the peppermint, *mentha piperita* (L.), *labiatae*.

**2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**CLASSIFICATION (EC 1272/2008):**

- PHYSICAL HAZARDS: Not classified.
- HEALTH HAZARDS: Asp. Tox. 1 H304  
Skin Irrit. 2 - H315  
Skin Sens. 1 - H317  
Eye Irrit. 2 H319
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 2 - H411

**LABEL ELEMENTS**

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

DANGER

H302 Harmful If Swallowed.

H315 Causes Skin Irritation.

H317 May Cause an Allergic Skin Reaction.

H319 Causes Serious Eye Irritation.

H401 Toxic to Aquatic Life.

H411 Toxic to Aquatic Life with Long Lasting Effects.



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|  |  |
|--|--|
| PRECAUTIONARY STATEMENTS:              | P261: Avoid Breathing Dust/Fume/Gas/Mist/Vapours/Spray.<br>P333+P313: If Skin Irritation or Rash Occurs: Get Medical Advice/Attention.<br>P362+P364: Take Off Contaminated Clothing. And Wash It Before Reuse.<br>P302+P352: If on Skin: Wash with Plenty of Water.<br>P280: Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection.<br>P305+P351+P338: If in Eyes: Rinse Cautiously with Water for Several Minutes. Remove Contact Lenses, If Present and Easy to Do. Continue Rinsing.<br>P337+P313: If Eye Irritation Persists: Get Medical Advice/Attention.<br>P273: Avoid Release to The Environment.<br>P391: Collect Spillage |
| SUPPLEMENTARY PRECAUTIONARY STATEMENTS | P264: Wash Hands and Exposed Skin Thoroughly After Handling.<br>P270: Do Not Eat, Drink or Smoke When Using This Product.<br>P330: Rinse Mouth.<br>P301+P312: If Swallowed: Call A Poison Centre/Doctor If You Feel Unwell.<br>P332+P313: If Skin Irritation Occurs: Get Medical Advice/Attention.   |
| CONTAINS:                              | L-Menthol, Menthones, Limonene, 1,8 Cineole, Pulegone  |

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

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|                                   |  |
|-----------------------------------|--|
| <b>30.0 – 55.0% L-Menthol</b>     |  |
| CAS NUMBER: 2216-51-5             | EC NUMBER: 218-690-9   |
| CLASSIFICATION (EC 1272/2008):    | Skin Irrit. 2 – H315<br>Eye Irrit. 2 – H319  |
| <hr/>                             |  |
| <b>20.0 - 30.0% Menthones</b>     |  |
| CAS NUMBER: 10458-14-7            | EC NUMBER: 233-944-9   |
| CLASSIFICATION (EC 1272/2008):    | Flam. Liq. 3 - H226<br>Acute Tox. 4 - H302<br>Aquatic Chronic 3 - H412   |
| <hr/>                             |  |
| <b>≤6.5% Limonene</b>             |  |
| CAS NUMBER: 138-86-3              | EC NUMBER: 205-301-0   |
| CLASSIFICATION (EC 1272/2008):    | Flam. Liq. 3 - H226<br>Skin Irrit. 2 - H315<br>Skin Sens. 1 - H317<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410 |
| <hr/>                             |  |
| <b>2.0 – 10.0% Methyl Acetate</b> |  |
| CAS NUMBER: 89-48-5               | EC NUMBER: 201-911-8   |
| CLASSIFICATION (EC 1272/2008):    | Aquatic Chronic 2 - H411   |
| <hr/>                             |  |
| <b>2.0 – 10.0% 1,8 Cineole</b>    |  |
| CAS NUMBER: 470-82-6              | EC NUMBER: 207-431-5   |
| CLASSIFICATION (EC 1272/2008):    | Flam. Liq. 3 – H226<br>Skin Sens. 1 – H317   |
| <hr/>                             |  |
| <b>&lt;2.0% Pulegone</b>          |  |
| CAS NUMBER: 89-82-7               | EC NUMBER: 201-943-2   |
| CLASSIFICATION (EC 1272/2008):    | Acute Tox. 4. - H302   |

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**<1.0% Menthofuran**

CAS NUMBER: 494-90-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 207-795-5

Acute Tox. 4 – H302

Skin Irrit. 2 – H315

Eye Irrit. 2 – H319

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**<0.2% Isopulegol**

CAS NUMBER: 7786-67-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 232-102-8

Acute Tox. 4 – H302

Skin Irrit. 2 – H315

Eye Irrit. 2 – H319

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The full text for all hazard statements is displayed in Section 16.

**4: FIRST AID MEASURES**

|   |  |
|---|--|
| INHALATION:   | Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention. |
| INGESTION:  | Get medical attention immediately. Rinse mouth with water and obtain medical attention.                                |
| SKIN CONTACT:   | Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.            |
| EYE CONTACT:  | Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.                           |
| GENERAL INFORMATION:  | Always remove contaminated clothing immediately.   |
| <b>MOST IMPORTANT SYMPTOMS &amp; EFFECTS (ACUTE &amp; DELAYED):</b> |  |
| - INHALATION:   | May cause coughing and difficulties in breathing.  |
| - INGESTION:  | Irritating to the respiratory tract and may cause damage to the central nervous system.                                |
| - SKIN CONTACT:   | Toxic in contact with skin.  |
| - EYE CONTACT:  | May cause eye irritation.  |

**5: FIREFIGHTING MEASURES**

|  |  |
|--|--|
| EXTINGUISHING MEDIA RECOMMENDED:                       | Foam, CO <sub>2</sub> , Dry Chemical Powder.   |
| SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE: | Burning produces irritating, toxic and obnoxious fumes.  |
| ADVICE FOR FIREFIGHTERS:                               | Wear positive pressure self-contained breathing apparatus (scuba) and appropriate protective clothing. |

**6: ACCIDENTAL RELEASE MEASURES**

|                                    |  |
|------------------------------------|--|
| PERSONAL PRECAUTIONS:              | Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation. |
| ENVIRONMENT PRECAUTIONS:           | Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.  |
| CLEANING UP METHODS FOR SPILLAGES: | Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.  |

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**7: HANDLING AND STORAGE**

|                       |   |
|-----------------------|---|
| USAGE PRECAUTIONS:    | Handle in accordance with good hygiene and safety practice. Keep away from heat, sparks, open flames and hot surfaces. - no smoking. Use personal protective equipment as required. |
| OCCUPATIONAL HYGIENE: | Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.             |
| STORAGE PRECAUTIONS:  | 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.  |

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

PROTECTIVE EQUIPMENT:



|                                   |  |
|-----------------------------------|--|
| APPROPRIATE ENGINEERING CONTROLS: | Ensure work area is well ventilated. Provide safety shower and eye bath.                                     |
| EYE/FACE PROTECTION:              | Wear eye/face protection.  |
| HAND PROTECTION:                  | Wear protective gloves.  |
| OTHER SKIN AND BODY PROTECTION:   | Wear protective clothing to reduce the risk of skin and eye contact.   |
| HYGIENE MEASURES:                 | Good personal hygiene practises are always advisable, especially when working with chemicals including oils. |
| RESPIRATORY PROTECTION:           | No data.   |
| ENVIRONMENTAL EXPOSURE CONTROLS:  | Avoid discharging into drainage water.   |
| PERSONAL PROTECTION:              | Avoid inhalation of the product. Avoid contact with skin and eyes.   |

**9: PHYSICAL AND CHEMICAL PROPERTIES**

|                            |  |
|----------------------------|--|
| APPEARANCE:                | Liquid.  |
| COLOUR:                    | Colourless to Pale Yellow.                                 |
| ODOUR:                     | Characteristic – Minty Fresh.                              |
| FLASH POINT °C:            | 71°C   |
| SPECIFIC GRAVITY @ 20°C:   | 0.880 – 0.916  |
| REFRACTIVE INDEX @ 20°C:   | 1.450 – 1.470  |
| SOLUBILITY IN WATER @ 20°C | Insoluble in water. (Soluble in 70% ethanol at 20°C: 1 +4) |

**10: STABILITY AND REACTIVITY**

|                                     |   |
|-------------------------------------|---|
| REACTIVITY:                         | NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED. .   |
| CHEMICAL STABILITY:                 | Stable under suggested storage conditions (<15°C).  |
| POSSIBILITY OF HAZARDOUS REACTIONS: | No.   |
| CONDITIONS TO AVOID:                | Storage at high temperatures. Do not store above 15°C.  |
| INCOMPATIBLE MATERIALS:             | Strong oxidising agents   |
| HAZARDOUS DECOMPOSITION PRODUCTS:   | This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes, smoke and carbon monoxide. |

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**11: TOXICOLOGICAL INFORMATION**

|                                  |                                 |
|----------------------------------|---------------------------------|
| ACUTE TOXICITY:                  | Harmful if swallowed.           |
| SKIN IRRITATION:                 | Causes skin irritation.         |
| EYE DAMAGE OR IRRITATION:        | Causes eye irritation.          |
| RESPIRATION OR SKIN SENSITIVITY: | May cause an allergic reaction. |
| GERM CELL MUTAGENICITY:          | No data.                        |
| CARCINOGENICITY:                 | No data.                        |
| REPRODUCTIVE TOXICITY:           | Not applicable.                 |
| STOT – SINGLE EXPOSURE:          | Not applicable.                 |
| STOT – REPEATED EXPOSURE:        | Not applicable.                 |
| ASPIRATION HAZARD:               | No data.                        |
| OTHER INFORMATION:               | No data.                        |

**12: ECOLOGICAL INFORMATION**

|                                     |   |
|-------------------------------------|---|
| TOXICITY:                           | Toxic to aquatic life with long lasting effects.                  |
| PERSISTENCE AND DEGRADABILITY:      | No data.  |
| BIOACCUMULATIVE POTENTIAL:          | No data.  |
| MOBILITY IN SOIL:                   | No data.  |
| RESULTS OF PBT AND vPvB ASSESSMENT: | No data.  |
| PRECAUTIONS:                        | Do not allow product to enter streams, sewers or other waterways. |

**13: DISPOSAL CONSIDERATIONS**

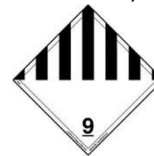
|                   |  |
|-------------------|--|
| DISPOSAL METHODS: | Always recover spilled product. Discard waste material with authorised waste management services. Act in accordance with local & national waste regulations. |
|-------------------|--|

**14: TRANSPORT INFORMATION**

|                        |  |
|------------------------|--|
| UN No. (ROAD/SEA/AIR): | UN3082   |
| PROPER SHIPPING NAME:  | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. |

**TRANSPORT HAZARD CLASS(ES):**

|                      |   |
|----------------------|---|
| - ADR/RID/ADN CLASS: | 9 |
| - IMDG CLASS:        | 9 |
| - ICAO CLASS:        | 9 |



**PACKING GROUP:**

|                              |     |
|------------------------------|-----|
| - ADR/RID/ADN PACKING GROUP: | III |
| - IMDG PACKING GROUP:        | III |
| - ICAO PACKING GROUP:        | III |

**ENVIRONMENTAL HAZARDS:**

Environmentally hazardous/  
marine pollutant.



**SPECIAL PRECAUTIONS FOR USER:**

|                        |   |
|------------------------|---|
| - EMS:                 | F-A, S-F  |
| - AIR TRANSPORT NOTES: | 914   |
| - HAZARD NO. (ADR)     | 90 Environmentally hazardous substance; miscellaneous dangerous substances. |

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- TUNNEL RESTRICTION CODE: (E)  
TRANSPORT IN BULK ACCORDING TO ANNEX II Not applicable  
OF MARPOL73/78 AND THE IBC CODE:

**15: REGULATORY INFORMATION**

STATUTORY INSTRUMENTS:

The Chemicals (Hazard Information & Packaging for Supply) Regulations 2009 (S.I.2009 NO 716).

EU LEGISLATION:

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (reach), establishing a European Chemicals Agency, amending directive 1999/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).

GUIDANCE:

Workplace Exposure Limits EH40. Chip for Everyone HSG 108.

**16: OTHER INFORMATION**

HAZARD STATEMENTS IN FULL:

H226 Flammable Liquid and Vapour.  
H302 Harmful If Swallowed.  
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.  
H412 Harmful to Aquatic Life with Long Lasting Effects.

**Q.C. REQUIREMENTS.**

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

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 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.