



**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 Essential Oil**

SUPPLIER: Amphora Aromatics Ltd, Airfield House, Western Drive, Hengrove, Bristol, BS14 0AF  
Telephone +44 (0)117-9087770.

PRODUCT NUMBER: **43**

CAS NUMBER: 90063-97-1

EC NUMBER: 290-058-5

EINECS NUMBER: 290-058-5

INCI: Mentha Arvensis Herb Oil

IDENTIFIED USES: Cosmetics and Fragrancing

BIOLOGICAL DEFINITION: Mentha Arvensis Herb Oil is an essential oil obtained from the herbs of the Corn Mint, *Mentha arvensis L., Labiatae*.

**2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008**

PHYSICAL AND CHEMICAL 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:

**DANGER**

HAZARD STATEMENTS:

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.

PRECAUTIONARY STATEMENTS

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor  
P331: Do NOT induce vomiting.  
P501: Dispose of contents in accordance with local, state or national legislation.

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P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P362+P364: Take off contaminated clothing. And wash it before reuse.  
 P302+P352: IF ON SKIN: Wash with plenty of water.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P273: Avoid release to the environment.  
 P391: Collect spillage  
 P264: Wash hands and exposed skin thoroughly after handling.  
 P332+P313: If skin irritation occurs: Get medical advice/attention

SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

**OTHER HAZARDS:**

PBT OR vPvB ACCORDING TO ANNEX XIII No additional data available  
 ADVERSE PHYSIO-CHEMICAL PROPERTIES No additional data available  
 ADVERSE EFFECTS ON HUMAN HEALTH No additional data available

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

**25.0 – 35.0% L-Menthol**

CAS NUMBER: 2216-51-5 EC NUMBER: 218-690-9  
 CLASSIFICATION: Skin Irrit. 2, H315  
 Eye Irrit. 2, H319

**20.0 – 30.0% Trans-Menthone**

CAS NUMBER: 89-80-5 EC NUMBER: 201-941-1  
 CLASSIFICATION: Flam. Liq. 3, H226  
 Aquatic Chronic 3, H412

**5.0 – 10.0% DL-Isomenthone**

CAS NUMBER: 491-07-6 EC NUMBER: 207-727-4  
 CLASSIFICATION: Skin Irrit. 2, H315  
 Skin Sens.1 H317

**2.0 – 5.0% Neo Menthol**

CAS NUMBER: 2216-52-6 EC NUMBER: 218-691-4  
 CLASSIFICATION: Skin Irrit. 2, H315

**< 14.0% Limonene**

CAS NUMBER: 138-86-3 EC NUMBER: 205-301-0  
 CLASSIFICATION: Flam. Liq. 3, H226  
 Asp. Tox. 1, H304  
 Skin Irrit. 2, H315  
 Skin Sens. 1, H317  
 Aquatic Acute 1, H400  
 Aquatic Chronic 1, H410

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**< 2.0% Alpha Pinene**

CAS NUMBER: 80-56-8

CLASSIFICATION:

EC NUMBER: 201-291-9

Flam. Liq. 3, H226

Skin Irrit. 2, H315

Skin Sens. 1, H317

Asp. Tox. 1, H304

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**< 2.5% Beta Pinene**

CAS NUMBER: 127-91-3

CLASSIFICATION:

EC NUMBER: 204-872-5

Flam. Liq. 3, H226

Skin Irrit. 2, H315

Skin Sens. 1, H317

Asp. Tox. 1, H304

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**1.0 – 5.0% Methyl Acetate**

CAS NUMBER: 89-48-5

CLASSIFICATION:

EC NUMBER: 201-911-8

Aquatic Chronic 2, H411

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**< 2.0% Isopulegol**

CAS NUMBER: 89-79-2

CLASSIFICATION:

EC NUMBER: 201-940-6

Acute Tox. 4, H302

Skin Irrit. 2, H315

Eye Irrit. 2, H319

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**< 1.5% Octan-3-ol**

CAS NUMBER: 589-98-0

CLASSIFICATION:

EC NUMBER: 209-667-4

Skin Irrit. 2, H315

Eye Irrit. 2, H319

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**< 1.0% 1,8- Cineole**

CAS NUMBER: 470-82-6

CLASSIFICATION:

EC No: 207-431-5

Flam. Liq. 3, H226

Skin Sens. 1, H317

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**4: FIRST AID MEASURES**

INHALATION:

Move the exposed person to fresh air at once. Get medical advice/attention.

INGESTION:

Immediately rinse mouth and provide fresh air. Call a POISON CENTER/doctor.

SKIN CONTACT:

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT:

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

MOST IMPORTANT SYMPTOMS AND EFFECTS,  
BOTH ACUTE AND DELAYED:

No additional data available

INDICATION OF ANY IMMEDIATE MEDICAL

ATTENTION AND SPECIAL TREATMENT NEEDED:

No additional data available

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**5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:  
SPECIAL HAZARDS ARISING FROM THE  
PRODUCT:

ADVICE FOR FIREFIGHTERS:

Use as appropriate: Carbon dioxide (CO<sub>2</sub>), dry chemical or foam  
When heated to decomposition, it emits acrid smoke as well as  
carbon monoxide and carbon dioxide.  
Moderate explosion hazard when exposed to flame  
Wear self-contained breathing apparatus. Wear chemical protective  
clothing

**6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS, PROTECTIVE  
EQUIPMENT AND EMERGENCY PROCEDURES:  
ENVIRONMENT PRECAUTIONS:  
METHODS AND MATERIAL FOR CONTAINMENT  
AND CLEANING UP:

REFERENCES TO OTHER SECTIONS

Wear protective clothing as described in Section 8 of this safety data  
sheet.  
Do not discharge into drains, water courses or onto the ground.  
Absorb with inert, absorbent material. Transfer to suitable, labelled  
containers for disposal. Clean spillage area thoroughly with plenty of  
water.  
No additional data available

**7: HANDLING AND STORAGE**

PRECAUTIONS FOR SAFE HANDLING:

CONDITIONS FOR SAFE STORAGE, INCLUDING  
ANY INCOMPATIBILITIES:

SPECIFIC END USE(S):

Avoid spilling, skin and eye contact. Adopt best manual handling  
considerations when handling, carrying and dispensing.  
Store in tightly closed original container in a dry, cool and well-  
ventilated place. Keep in original container. Keep away from heat,  
sparks and open flame.  
Storage Class: Chemical storage.  
No additional data available.

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:  
ENGINEERING MEASURES:  
RESPIRATORY EQUIPMENT:

HAND PROTECTION:  
EYE PROTECTION  
OTHER PROTECTION:

HYGIENE MEASURES:

PERSONAL PROTECTION:

SKIN PROTECTION:

ENVIRONMENTAL EXPOSURE CONTROLS:

Provide eyewash station  
Provide adequate general and local exhaust ventilation  
If ventilation is insufficient, suitable respiratory protection must be  
provided  
Use suitable protective gloves if risk of skin contact  
Wear approved safety goggles.  
Wear appropriate clothing to prevent any possibility of skin  
contact  
Remove contaminated clothing and wash the skin thoroughly with  
soap and water after work. Good personal hygiene practices are  
always advisable, especially when working with chemicals.  
Use personal protection according to Directive 89/686/EEC  
Wear apron or protective clothing in case of splashes  
Avoid discharging into drainage water. Only eliminate by  
authorised companies

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**9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Liquid, colourless to pale yellow
COLOUR:	Colourless to pale yellow
ODOUR:	Minty, fresh
FLASH POINT °C:	62.0
SPECIFIC GRAVITY @ 20°C:	Approx. 0.887
REFRACTIVE INDEX @ 20°C:	Approx. 1.460
SOLUBILITY:	Insoluble in water
MELTING POINT (°C):	No additional data available
BOILING POINT °C:	No additional data available
VAPOUR PRESSURE:	No additional data available
AUTO-IGNITION TEMPERATURE (°C):	No additional data available

**10: STABILITY AND REACTIVITY**

REACTIVITY:	No additional data available
CHEMICAL STABILITY	Stable under normal temperature conditions and recommended use.
POSSIBLE HAZARDOUS REACTIONS	No additional data available
CONDITIONS TO AVOID	Avoid excessive heat for prolonged periods of time
INCOMPATIBLE MATERIALS	Materials to Avoid: Strong acids, alkali or oxidising agents
HAZARDOUS DECOMPOSITION PRODUCTS:	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> )

**11: TOXICOLOGICAL INFORMATION**

**INFORMATION ON TOXICOLOGICAL EFFECTS**

ACUTE TOXICITY	No additional data available
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	No additional data available
CARCINOGENICITY	No additional data available
REPRODUCTIVE TOXICITY	No additional data available
STOT-single exposure	No additional data available
STOT-repeated exposure	No additional data available
Aspiration hazard	No additional data available
Photo-toxicity	No additional data available
Other Information	No additional data available

**12: ECOLOGICAL INFORMATION**

TOXICITY:	Toxic to aquatic life with long lasting effects
PERSISTENCE AND DEGRADABILITY:	Degradability: No data available
BIOACCUMULATIVE POTENTIAL:	No data available on bioaccumulation
MOBILITY IN SOIL:	No additional data available
RESULTS OF PBT AND vPvB ASSESSMENT:	No additional data available
PRECAUTIONS:	Not established
OTHER ADVERSE EFFECTS:	No additional data available

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**13: DISPOSAL CONSIDERATIONS**

GENERAL INFORMATION:

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS

Dispose of in compliance with all local and national regulations

**14: TRANSPORT INFORMATION**

UN No. ROAD/SEA/AIR:

UN3082

PROPER SHIPPING NAME:

Environmentally Hazardous Liquid (N.O.S)

**TRANSPORT HAZARD CLASS(ES):**

- ADR/RID/ADN
- ADR/RID/AND

Class 9  
Class 9: Miscellaneous dangerous substances and articles



- IMDG
- ICAO

Class 9  
Class/Division 9

**PACKING GROUP:**

- ADR/RID/AND PACKING GROUP:
- IMDG PACKING GROUP
- ICAO PACKING GROUP

III  
III  
III

ENVIRONMENTAL HAZARDS:

Environmental Hazardous Substance/Marine Pollutant.



**SPECIAL PRECAUTIONS FOR USER:**

- EMS
- AIR TRANSPORT NOTES  
Packing Instruction:
- Hazard No. (ADR)
- Tunnel Restriction Code

F-A-S-F  
914

90 Environmentally hazardous substance; miscellaneous dangerous substances.

(E)

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:

No additional data available

**15: REGULATORY INFORMATION**

STATUTORY INSTRUMENTS:

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

GUIDANCE NOTES:

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

EU LEGISLATION:

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, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

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**16: OTHER INFORMATION**

HAZARD AND/OR PRECAUTIONARY STATEMENTS IN FULL

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.  
H313 May be harmful in contact with skin.  
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.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.  
Retest after 12 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.