



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**SAFETY DATA SHEET**

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

PRODUCT NAME: **Spearmint Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **138**

CAS NUMBER: 84696-51-5

EC NUMBER: 283-656-2

INCI: Mentha Spicata Herb Oil

BIOLOGICAL DEFINITION: Mentha Spicata Oil is an essential oil obtained from the herbs of the Spearmint, Mentha spicata L., Labiatae (syn: Mentha viridis L., Labiatae).

**2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

- PHYSICAL HAZARDS: Not Classified
- HEALTH HAZARDS: Aspiration Toxicity (Cat. 1) – H304  
Skin Irritation (Cat. 2) – H315  
Skin Sensitivity (Cat. 1B) – H317
- ENVIRONMENTAL HAZARDS: Aquatic Chronic (Cat. 2) – H411

**LABEL ELEMENTS**

PICTOGRAM:



SIGNAL WORD:

**DANGER**

CONTAINS:

d-Limonene, beta-Pinene, alpha-Pinene, Myrcene

HAZARD STATEMENTS:

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.



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PRECAUTIONARY STATEMENTS:	P261- Avoid breathing vapours/spray. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor. P302+P352 - IF ON SKIN: Wash with plenty of water. P331 - Do NOT induce vomiting. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing. And wash it before reuse. P391 - Collect spillage. P501 - Dispose of contents in accordance with local, state or national legislation
SUPPLEMENTARY PRECAUTIONARY STATEMENTS:	P264 - Wash hands and exposed skin thoroughly after handling.

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

**≤ 65% L-Carvone**

CAS NUMBER: 6485-40-1	EC NUMBER: 229-352-5
CLASSIFICATION (EC 1272/2008):	Skin Sens. 1 (H317)

**≤ 18.0% d-Limonene**

CAS NUMBER: 5989-27-5	EC NUMBER: 227-813-5
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 (H226) Aspiration Hazard 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1(H410)

**≤ 10.0% Eucalyptol**

CAS NUMBER: 470-82-6	EC NUMBER: 207-431-5
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 (H226) Skin Sens. 1 (H317)

**≤ 5.0% Menthone**

CAS NUMBER: 10458-14-7	EC NUMBER: 233-944-9
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 (H226) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Chronic 3 (H412)

**≤ 4.0% 3-Octanol**

CAS NUMBER: 589-98-0	EC NUMBER: 209-667-4
CLASSIFICATION (EC 1272/2008):	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)

**≤ 3.0% Menthol**

CAS NUMBER: 2216-51-5	EC NUMBER: 218-690-9
CLASSIFICATION (EC 1272/2008):	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)

SDS: 138 Spearmint Essential Oil

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director – Date: 24/02/2020 - Version: 6



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**≤ 3.0 % Beta-Pinene**

CAS NUMBER: 127-91-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-872-5

Flam. Liq. 3 (H226)

Asp. Tox. 1 (H304)

Skin Irrit. 2 (H315)

Skin Sens. 1 (H317)

Acute Aquatic 1 (H400)

Chronic Aquatic 1 (H410)

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**≤ 2.0 % Myrcene**

CAS NUMBER: 123-35-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-622-5

Flam. Liq. 3 (H226)

Asp. Tox. 1 (H304)

Skin Irrit. 2 (H315)

Eye Irrit. 2 (H319)

Aquatic Acute 1 (H400)

Aquatic Chronic 1 (H410)

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**≤ 1.0 % Alpha-Pinene**

CAS NUMBER: 80-56-8

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-291-9

Flam. Liq. 3 (H226)

Acute Tox. 4 (H302)

Asp. Tox. 1 (H304)

Skin Irrit. 2 (H315)

Skin Sens. 1 (H317)

Acute Aquatic 1 (H400)

Chronic Aquatic 1 (H410)

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

**4: FIRST AID MEASURES**

INHALATION:

Remove from exposure area to fresh air. Get medical advice/attention.

INGESTION:

Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention.

SKIN CONTACT:

Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.

EYE CONTACT:

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.

GENERAL INFORMATION:

No additional data available

INDICATION OF ANY IMMEDIATE MEDICAL

ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.



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**5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:

Carbon dioxide, dry chemical, foam.

SPECIAL HAZARDS ARISING FROM THE PRODUCT:

Do not use water jet as an extinguisher, as this may scatter and spread fire.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), other toxic gases. Containers close to fire should be removed or cooled with water.

ADVICE FOR FIREFIGHTERS:

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

**6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:

Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.

ENVIRONMENT PRECAUTIONS:

Do not discharge into drains, water courses or onto the ground.

CLEANING UP METHODS FOR SPILLAGES:

Absorb with liquid binding material e.g. sand, diatomaceous earth, vermiculite.

Collect in closed and suitable containers for disposal in accordance with local, state or national legislation. Prevent any material from entering drains or waterways. Wash spill site after removal with a detergent.

**7: HANDLING AND STORAGE**

USAGE PRECAUTIONS:

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only in area provided with adequate ventilation.

STORAGE PRECAUTIONS:

Store in tightly closed, original container in a dry, cool and well-ventilated area, away from potential sources of ignition and protected from light.



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**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 ventilation.  
Generally unnecessary in a well-ventilated area.  
If ventilation is insufficient, respiratory protection must be worn.  
Wear suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.  
Avoid contact with eyes.  
Wear safety goggles in accordance with standard EN166.  
Wear appropriate clothing to prevent any possibility of skin contact.  
Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Do not eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.  
Use of chemical resistant clothing is recommended when handling.  
Wear appropriate protective clothing to prevent skin contact.  
Work clothing worn by personnel shall be laundered regularly.  
After contact with the product, all parts of the body that have been exposed must be washed thoroughly.  
Avoid discharging into drainage water. Only eliminate by authorised companies.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Clear mobile liquid, colourless to green yellow.
COLOUR:	Colourless to green yellow.
ODOUR:	Characteristic.
RELATIVE DENSITY:	Approx. 0.924 @ 20°C.
FLASH POINT (°C):	66 °C
REFRACTIVE INDEX:	Approx. 1.488 @ 20°C.
MELTING POINT (°C):	No additional data available.
BOILING POINT (°C):	101 at 101 325 Pa
VAPOUR PRESSURE:	15.33 Pa @ 25°C
SOLUBILITY IN WATER @20°C:	Insoluble in water.
AUTO-IGNITION TEMPERATURE (°C):	No additional data available.



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**10: STABILITY AND REACTIVITY**

REACTIVITY:	Presents no significant reactivity hazards. Stable under normal temperature conditions and recommended use.
CHEMICAL STABILITY	Stable under the recommended handling and storage conditions in section 7.
POSSIBILITY OF HAZARDOUS REACTIONS CONDITIONS TO AVOID:	Not expected under normal conditions of use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Prevent storing the product in open containers for long periods so as to prevent product deterioration.
INCOMPATIBLE MATERIALS:	Avoid contact with strong acids, alkalis or oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not expected under normal temperature conditions and recommended use. Thermal decomposition may release/form oxides of carbon (carbon monoxide, carbon dioxide) and other toxic gases.

**11: TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY:	Not classified.
SKIN CORROSION / IRRITATION:	Irritating to skin.
SERIOUS EYE DAMAGE / IRRITATION:	Not classified.
RESPIRATORY OR SKIN SENSITISATION:	May cause sensitization by skin contact.
GERM CELL MUTAGENICITY:	Not classified.
CARCINOGENICITY:	Not classified.
REPRODUCTIVE TOXICITY:	Not classified.
STOT-SINGLE EXPOSURE:	Not classified.
STOT-REPEATED EXPOSURE:	Not classified.
ASPIRATION HAZARD:	May be fatal if swallowed and enters airways.
PHOTO-TOXICITY:	No additional data available.
OTHER INFORMATION:	None.

**12: ECOLOGICAL INFORMATION**

ECOTOXICITY:	Toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	Product is considered readily biodegradable
BIOACCUMULATIVE POTENTIAL:	No additional data available.
MOBILITY IN SOIL:	No additional data available.
RESULTS OF PBT AND vPvB ASSESSMENT:	Product is not PBT or vPvB.
OTHER ADVERSE EFFECTS:	No additional data available.

**13: DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS:	Dispose in accordance with the law and local regulations. Treat as trade effluent.
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**14: TRANSPORT INFORMATION**

UN NO. (ROAD, SEA & AIR): UN3082  
PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARD SUBSTANCE LIQUID, N.O. S  
TRANSPORT HAZARD CLASS(ES): 9



PACKING GROUP (ADR, RID, IMDG, ICAO): III  
ENVIRONMENTAL HAZARDS: This is an environmentally hazardous substance.



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

**ADDITIONAL TRANSPORT DETAILS**

**ADR/RID**

- ADR/RID CLASS: Class 9.
- ADR CLASSIFICATION CODE: M6
- SPECIAL PROVISIONS: 274 335 375 601
- LIMITED QUANTITIES: 5L
- EXPECTED QUANTITIES: E1
- EMERGENCY ACTION CODE: •3Z

**IMDG**

- IMDG CLASS: Class 9
- SPECIAL PROVISIONS: 274 335 375 601
- LIMITED QUANTITIES: 5L
- EXPECTED QUANTITIES: E1
- IMDG EMS: F-A, S-F
- STOWAGE AND HANDLING: Category A

**ICAO/IATA**

- ICAO/IATA CLASS: Class 9
- IATA PROPER SHIPPING / NAME: ENVIRONMENTALLY HAZARD SUBSTANCE LIQUID, N.O. S
- EXPECTED QUANTITIES: E1

**15: REGULATORY INFORMATION**

STATUTORY INSTRUMENTS: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 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 - 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.