



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: **Myrtle Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **132**

CAS NUMBER: 84082-67-7 / 8008-46-6

EC NUMBER: 282-012-8

EINECS NUMBER: 282-012-8

INCI: Myrtus Communis Oil

IDENTIFIED USES: Suitable for use in cosmetics, fragrances and professional applications only.

BIOLOGICAL DEFINITION: Myrtus Communis Oil is a volatile oil obtained from the leaves of the Myrtle, Myrtus communis L., Myrtaceae

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Flam. Liq. 3 (H226)
- HEALTH HAZARDS: Asp. Tox. 1 (H304)
Skin Irrit. 2 (H315)
Skin Sens. 1 (H317)
Eye Irrit. 2 (H319)
- ENVIRONMENTAL HAZARDS: Aquatic Acute 1 (H400)
Aquatic Chronic 1 (H410)

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

SDS: **132 Myrtle Essential Oil**

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HAZARD STATEMENTS:	H226 Flammable liquid and vapour. 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. H410 Very toxic to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENTS:	P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing and eye/face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P331 Do NOT induce vomiting. P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS:	None.
CONTAINS:	Limonene, alpha-Pinene

3: COMPOSITION/INFORMATION ON INGREDIENTS

10 – 30% Eucalyptol (1,8-Cineole)

CAS No: 470-82-6	EC No: 207-431-5
Classification (EC 1272/2008):	Flam. Liq. 3 - H226 Skin Sens. 1B - H317

10.0 – 25.0% alpha-pinene

CAS No: 80-56-8	EC No: 201-291-9
Classification (EC 1272/2008):	Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Asp. Tox. 1 - H304 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1- H410

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7.0 – 20.0% Linalool

CAS No: 78-70-6

EC No: 201-134-4

Classification (EC 1272/2008)

Skin Irrit. 2 - H315

Skin Sens. 1B - H317

Eye Irrit. 2 - H319

5.0 – 15.0% d-Limonene

CAS No: 5989-27-5

EC No: 227-813-5

Classification (EC 1272/2008):

Flam. Liq. 3 - H226

Asp. Tox. 1 - H304

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

1.0 – 5.0% Linalyl Acetate

CAS No: 115-95-7

EC No: 204-116-4

Classification (EC 1272/2008):

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

<2.0% Geraniol

CAS No: 106-34-1

EC No: 203-377-1

Classification (EC 1272/2008);

Skin Irrit. 2, H315

Skin Sens. 1 - H317

Eye Dam. 1 - H318

<0.9% Eugenol Methyl Ether (Methyl Eugenol)

CAS No: 93-15-2

EC No: 202-223-0

Classification (EC 1272/2008):

Acute Tox. 4 - H302

Muta. 2 - H341

Carc. 2 - H351

<0.7% Estragole

CAS No: 140-67-0

EC No: 205-427-8

Classification (EC 1272/2008):

Acute Tox. 4 - H302

Skin Sens. 1 - H317

Muta. 2 - H341

Carc. 2 - H351

<0.15% Thujone

CAS No: 546-80-5

EC No: 208-912-2

Classification (EC 1272/2008):

Acute Tox. 4 - H302

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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4: FIRST AID MEASURES

INHALATION:	Remove immediately from source of exposure into fresh air. Seek medical attention immediately.
INGESTION:	DO NOT INDUCE VOMITING! Rinse mouth and provide fresh air. Seek medical attention immediately.
SKIN CONTACT:	Remove contaminated clothing immediately and wash skin with soap and water. Seek medical attention immediately.
EYE CONTACT:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	Observe risk of aspiration if vomiting occurs.
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:	Treat symptomatically.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA:	Carbon dioxide (CO ₂), BC Powder, Foam.
UNSUITABLE EXTINGUISHING MEDIA:	Full water jet.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	B (Fires of liquids or liquid turning substances). In case of fire toxic fumes like carbon monoxide and carbon dioxide may be liberated. Burning produces heavy smoke.
ADVICE FOR FIREFIGHTERS:	Move undamaged containers from immediate hazard area if it can be done safely. Wear suitable breathing apparatus. Wear suitable equipment for self protection.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:	Wear protective clothing as described in Section 8 of this safety data sheet. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Provide adequate ventilation. For non-emergency personnel: Remove persons to safety. For emergency responders: Wear breathing apparatus if exposed to vapours /spray/gases.
ENVIRONMENT PRECAUTIONS: CLEANING UP METHODS FOR SPILLAGES:	Do not discharge into drains, water courses or onto the ground. Cover with an inert, inorganic, non-combustible absorbent material, sand, universal binder. Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.



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7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Handle in accordance with good hygiene and safety practice. Provide earthing of containers, equipment, pumps and ventilation facilities. Take precautionary measures against static discharges. When using, do not smoke, drink or eat. Wear suitable clothing to avoid contact with skin, eyes and clothing. Avoid inhalation of product vapours. Provide adequate ventilation of working area.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep product tightly closed in its original container well sealed, in a dry, ventilated area, away from potential sources of ignition and protected from light.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:

No additional data available.

APPROPRIATE ENGINEERING CONTROLS:

Provide adequate ventilation or respiratory protection.

EYE PROTECTION:

Wear approved safety goggles according to EN166.

HAND PROTECTION:

Wear Chemical resistant gloves (PVC) according to EN374. Check leak tightness/permeability prior to use.

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES:

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

RESPIRATORY PROTECTION:

If ventilation is insufficient, use respiratory equipment.

PERSONAL PROTECTION:

Avoid contact with skin and eyes. Avoid inhalation of vapours.

SKIN PROTECTION:

Wear protective clothing in case of splashes.

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid discharging into drainage water. Only eliminate by authorised companies.



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9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid, yellow to dark orange to red.
COLOUR:	Yellow to dark orange to red.
ODOUR:	Characteristic
FLASH POINT °C:	45
SPECIFIC GRAVITY @ 20°C:	Approx. 0.905 @ 20°C
REFRACTIVE INDEX @ 20°C:	Approx. 1.470 @ 20°C
MELTING POINT (°C):	No additional data available.
BOILING POINT (°C):	No additional data available.
VAPOUR PRESSURE:	No additional data available.
SOLUBILITY IN WATER @20°C:	Insoluble in water.
AUTO-IGNITION TEMPERATURE (°C):	No additional data available.

10: STABILITY AND REACTIVITY

REACTIVITY:	Stable under the recommended handling and storage conditions.
CHEMICAL STABILITY:	Stable under the recommended handling and storage conditions.
POSSIBLE HAZARDOUS REACTIONS:	No hazardous reactions under recommended usage and handling.
CONDITIONS TO AVOID:	Temperatures more than room temperature will benefit the transfer from liquid to vapour phase and formation of explosive atmospheres. Storing the product in open containers will form peroxides and derogate the quality.
INCOMPATIBLE MATERIALS:	Oxidisers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide (CO), Carbon dioxide (CO ₂).

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	LD50 (oral) in mg/kg: > 5000 LD50 (dermal) in mg/kg: > 5000
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:	Not classified. However product contains substances suspected of causing genetic defects.
CARCINOGENICITY:	Not classified. However product contains substances suspected of causing cancer.
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:	No additional data available.

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12: ECOLOGICAL INFORMATION

TOXICITY:	Very toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	No additional data available.
BIOACCUMULATIVE POTENTIAL:	No additional data available.
MOBILITY IN SOIL:	No additional data available.
RESULTS OF PBT AND vPvB ASSESSMENT:	No additional data available.
OTHER ADVERSE EFFECTS:	Do not allow product to enter streams, sewers or other waterways.

13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:	Collect and dispose of waste product in accordance with local authority guidelines using a hazardous chemical disposal company. Product remainders should not intrude soil or waters. Avoid release to the environment.
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14: TRANSPORT INFORMATION

UN No. ROAD:	1169
UN No. SEA:	1169
UN No. AIR:	1169
PROPER SHIPPING NAME:	Extracts, Aromatic Liquid
TRANSPORT HAZARD CLASS(ES):	
- ADR/RID/ADN CLASS:	3 (Flammable Liquid)
- IMDG CLASS:	3 (Flammable Liquid)
- ICAO CLASS:	3 (Flammable Liquid)
PACKING GROUP:	
- ADR/RID/ADN PACKING GROUP:	III
- IMDG PACKING GROUP:	III
- ICAO PACKING GROUP:	III
ENVIRONMENTAL HAZARDS:	Environmentally Hazardous Substance/Marine Pollutant
SPECIAL PRECAUTIONS FOR USER:	See sections 6-8.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	Packed and transferred according to transport regulations.





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15: REGULATORY INFORMATION

STATUTORY INSTRUMENTS:	The Chemicals (Hazard Information and 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 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.
GUIDANCE:	Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

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.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H341 Suspected of causing genetic defects
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
H410 Very 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 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.

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