



# AMPHORA AROMATICS

## MATERIAL SAFETY DATA SHEET.

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: **Manuka Oil**

Supplier: Amphora Aromatics Ltd, 36 Cotham Hill, Cotham, Bristol BS6 6LA

Telephone +44 (0)117-9087770.

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: The volatile oil obtained by steam distillation of the leaves and terminal branches of *Leptospermum scoparium*

H-No: CAS No: 219828-87-2

Status: natural

CoE No: FEMA:

Additives: none

FDA: IFRA: not restricted

Application: Aromatherapy, skin care etc

RIFM: EINECS:

RTECS:

INCI name: Leptospermum scoparium Oil

### 3. HAZARDS IDENTIFICATION:

Xn Harmful

### 4. FIRST-AID MEASURES:

INHALATION:

Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT:  
doctor if

Rinse immediately with plenty of water for at least 15 minutes. Contact a symptoms persist.

SKIN CONTACT:

Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION:

Rinse mouth out with water. Seek medical advice **immediately**.

OTHER:

When assessing action take Risk & Safety Phrases into account

(Section 15)

### 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA

RECOMMENDED:

Use CO<sub>2</sub>, Dry Powder or Foam Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES:

Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES:

Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

### 6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:

Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.



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ENVIRONMENT PRECAUTIONS:  
CLEANING UP METHODS  
FOR SPILLAGES:

Keep away from drains, soils, surface & ground waters.  
Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, or sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

## **7. HANDLING & STORAGE.**

PRECAUTIONS IN HANDLING:

Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

STORAGE CONDITIONS:

Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

FIRE PROTECTION:

Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.**

RESPIRATORY PROTECTION:

Avoid breathing product vapour. Apply local ventilation where possible.

VENTILATION:

Ensure good ventilation of working area.

HAND PROTECTION:

Avoid all skin contact. Use chemically resistant gloves if required.

EYE PROTECTION:

Use safety glasses.

WORK/HYGIENE PRACTICES:

Wash hands with soap & water after handling.

## **9. PHYSICAL & CHEMICAL PROPERTIES.**

COLOUR:

Clear yellow

APPEARANCE:

Slightly viscous oil

ODOUR:

Aromatic, typical

RELATIVE DENSITY @ 20°C:

0.950 - 0.975

REFRACTIVE INDEX @ 20°C:

1.496 - 1.506

FLASH POINT °C:

95 -105

TYPICAL TRIKETONE CONTENT (GC-FID ANALYSIS): FLAVESONE 3.0 – 8.0%, ISOLEPTOSPERMONE 2.0 – 7.0%, LEPTOSPERMONE 10.0 – 20.0%

## **10. STABILITY & REACTIVITY.**

REACTIVITY:

It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

DECOMPOSITION:

Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## **11. TOXICOLOGICAL INFORMATION.**

Literature value:

Acute LD50 (orl rat): 1.125mg/kg.

## **12. ECOLOGICAL INFORMATION.**

Biodegradability:

Data not available.

PRECAUTIONS:

Prevent surface contamination of soil, ground & surface water.



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## 13. DISPOSAL CONSIDERATIONS.

Avoid disposing into drainage systems and into the environment. Seek expert advice.

## 14. TRANSPORT REGULATIONS.

Road (ADR/RID): n/a  
AIR (IATA): n/a  
SEA (IMDG): n/a  
CHIP: See section 15

## 15. REGULATORY INFORMATION.

HAZARDS: Harmful  
SYMBOLS: Xn  
RISK PHRASES: R22 Harmful if swallowed  
R36/38 Irritating to eyes and skin  
SAFETY PHRASES: S24/25 Avoid contact with skin and eyes  
S37 Wear suitable gloves  
S46 If swallowed, seek medical advice immediately and show the container or label

## 16. OTHER INFORMATION.

### PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

### SHELF-LIFE

Min 12 months when stored within advised conditions.

### 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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