



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**SAFETY DATA SHEET**

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

PRODUCT NAME: **Lemon Tea Tree Speciality Oil**

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

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 127

CAS NUMBER: 85085-43-4

EC NUMBER: 285-372-4

INCI: Leptospermum petersonii Oil

IDENTIFIED USES: Concentrated material for manufacturing purposes only

**2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CAS: 85085-43-4

EC: 285-372-4

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

- |                         |  |
|-------------------------|--|
| - Physical hazards      | Not classified   |
| - Health hazards        | Skin Irrit. 2 – H315<br>Eye Dam. 1 – H318<br>Skin Sens. 1 – H317<br>Asp. Tox. 1 - H304 |
| - Environmental hazards | Aquatic Chronic 2 – H411   |

**LABEL ELEMENTS**

PICTOGRAM



SIGNAL WORD

Danger

HAZARD STATEMENTS

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H304 May be fatal if swallowed and enters airways.  
H411 Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS

P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water.

SDS: 127 Lemon Tea Tree Essential Oil

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director - Date: 10/05/2019 - Version: 2



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice or attention.

P261 Avoid breathing vapour/spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see medical advice on this label).

P331 Do NOT induce vomiting.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

P405 Store locked up.

P501 Dispose of contents/container in accordance with national regulations.

**CONTAINS**

GAMMA-TERPINENE, CITRONELLAL, p-MENTHA-1,3-DIENE (ALPHA-TERPINENE), GERANIOL, p-CYMENE, HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE, p-MENTHA-1,4(8)-DIENE (TERPINOLENE), CITRONELLOL, ALPHA PINENE, GERANYL ACETATE, LIMONENE, BETA PINENE)

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

|                                |  |        |
|--------------------------------|--|--------|
| <b>4 - TERPINOL</b>            |  | 30-60% |
| CAS NUMBER: 562-74-3           | EC NUMBER: 209-235-5   |        |
| CLASSIFICATION (EC 1272/2008): | Skin Irrit. 2 – H315<br>Eye Irrit. 2 - H319<br>Acute Tox. 4 – H302 |        |
| <b>GAMMA-TERPINENE</b>         |  | 10-30% |
| CAS NUMBER: 99-85-4            | EC NUMBER: 202-794-6   |        |
| CLASSIFICATION (EC 1272/2008): | Flam. Liq. 3 - H226<br>Asp. Tox. 1 - H304                          |        |
| <b>CITRONELLAL</b>             |  | 5-10%  |
| CAS NUMBER: 106-23-0           | EC NUMBER: 203-376-6   |        |
| CLASSIFICATION (EC 1272/2008): | SKIN IRRIT. 2 - H315<br>SKIN SENS. 1 - H317<br>EYE IRRIT. 2 – H319 |        |



AMPHORA AROMATICS  
LIMITED

essential oils, skincare & aromatherapy products

|   |   |
|---|---|
| <b>p-MENTHA-1,3-DIENE (ALPHA-TERPINENE)</b>             | 5-10%   |
| CAS NUMBER: 99-86-5                                     | EC NUMBER: 202-795-1  |
| CLASSIFICATION (EC 1272/2008):                          | FLAM. LIQ. 3 - H226<br>ACUTE TOX.4 H302<br>ASP. TOX. 1 - H304<br>AQUATIC CHRONIC 2 - H411                             |
| <b>GERANIOL</b>   | 1-5%  |
| CAS NUMBER: 106-24-1                                    | EC NUMBER: 203-377-1  |
| CLASSIFICATION (EC 1272/2008):                          | SKIN IRRIT. 2 - H315<br>EYE DAM. 1 - H318<br>SKIN SENS. 1 - H317  |
| <b>p-CYMENE</b>   | 1-5%  |
| CAS NUMBER: 99-87-6                                     | EC NUMBER: 202-796-7  |
| CLASSIFICATION (EC 1272/2008):                          | FLAM. LIQ. 3 -H226<br>SKIN IRRIT. 2 - H315<br>EYE IRRIT. 2 - H319<br>ASP. TOX. 1 - H304<br>AQUATIC CHRONIC 2 – H411   |
| <b>HYDROXYISOHEXYL 3-CYCLOHEXENE<br/>CARBOXALDEHYDE</b> | 1-5%  |
| CAS NUMBER: 31906-04-4                                  | EC NUMBER: 250-863-4  |
| CLASSIFICATION (EC 1272/2008):                          | SKIN SENS. 1B - H317  |
| <b>p-MENTHA-1,4(8)-DIENE (TERPINOLENE)</b>              | 1-5%  |
| CAS NUMBER: 586-62-9                                    | EC NUMBER: 209-578-0  |
| CLASSIFICATION (EC 1272/2008):                          | SKIN SENS. 1 - H317<br>ASP. TOX. 1 - H304<br>AQUATIC CHRONIC 1 – H410   |
| <b>CITRONELLOL</b>                                      | 1-5%  |
| CAS NUMBER: 106-22-9                                    | EC NUMBER: 203-375-0  |
| CLASSIFICATION (EC 1272/2008):                          | SKIN IRRIT. 2 - H315<br>EYE IRRIT. 2 - H319<br>SKIN SENS. 1B - H317<br>AQUATIC CHRONIC 2 – H411                       |
| <b>ALPHA PINENE</b>                                     | 1-5%  |
| CAS NUMBER: 80-56-8                                     | EC NUMBER: 201-291-9  |
| CLASSIFICATION (EC 1272/2008):                          | FLAM. LIQ. 3 -H226<br>SKIN SENS. 1 - H317<br>ASP. TOX. 1 - H304<br>AQUATIC ACUTE 1 – H400<br>AQUATIC CHRONIC 1 – H410 |



AMPHORA AROMATICS  
LIMITED

essential oils, skincare & aromatherapy products

|                                |  |
|--------------------------------|--|
| <b>GERANYL ACETATE</b>         | <1%  |
| CAS NUMBER: 105-87-3           | EC NUMBER: 203-341-5   |
| CLASSIFICATION (EC 1272/2008): | SKIN IRRIT.2 – H315<br>SKIN SENS. 1 - H317<br>AQUATIC CHRONIC 2 – H411   |
| <b>LIMONENE</b>                | <1%  |
| CAS NUMBER: 138-86-3           | EC NUMBER: 205-341-0   |
| CLASSIFICATION (EC 1272/2008): | FLAM. LIQ. 3 – H226<br>SKIN IRRIT.2 – H315<br>SKIN SENS. 1 - H317<br>ASP. TOX. 1 – H304<br>AQUATIC ACUTE 1. – H400<br>AQUATIC CHRONIC 1 – H410 |
| <b>BETA PINENE</b>             | <1%  |
| CAS NUMBER: 127-91-3           | EC NUMBER: 204-872-5   |
| CLASSIFICATION (EC 1272/2008): | FLAM. LIQ. 3 – H226<br>SKIN IRRIT.2 – H315<br>SKIN SENS. 1 - H317<br>ASP. TOX. 1 – H304  |

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

**4: FIRST AID MEASURES**

|                      |  |
|----------------------|--|
| INHALATION           | Move affected person to fresh air at once. Get medical attention if any discomfort continues.  |
| INGESTION            | Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.   |
| SKIN CONTACT         | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.   |
| EYE CONTACT          | Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. |
| GENERAL INFORMATION  | Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.       |
| NOTES FOR THE DOCTOR | No specific recommendations  |

**5: FIREFIGHTING MEASURES**

|                                  |   |
|----------------------------------|---|
| EXTINGUISHING MEDIA RECOMMENDED: | Use CO <sub>2</sub> , Dry powder or Foam type Extinguishers. 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.   |



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.

ENVIRONMENT PRECAUTIONS:

Do not discharge into drains or watercourses or onto the ground.

CLEANING UP METHODS FOR SPILLAGES:

Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

**7: HANDLING AND STORAGE**

USAGE PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.

OCCUPATIONAL HYGIENE

Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

STORAGE PRECAUTIONS

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight



# AMPHORA AROMATICS LIMITED

## essential oils, skincare & aromatherapy products

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

#### PROTECTIVE EQUIPMENT



APPROPRIATE ENGINEERING CONTROLS

EYE/FACE PROTECTION

HAND PROTECTION

OTHER SKIN AND BODY PROTECTION

HYGIENE MEASURES

RESPIRATORY PROTECTION

ENVIRONMENTAL EXPOSURE CONTROLS

Provide adequate ventilation.

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

### **9: PHYSICAL AND CHEMICAL PROPERTIES**

|                          |                           |
|--------------------------|---------------------------|
| COLOUR:                  | Colourless to pale yellow |
| APPEARANCE:              | Liquid                    |
| ODOUR:                   | Characteristic            |
| FLASH POINT °C:          | 63                        |
| SPECIFIC GRAVITY @ 20°C: | ~ 0.893                   |
| REFRACTIVE INDEX @ 20°C: | ~ 1.476                   |

### **10: STABILITY AND REACTIVITY**

REACTIVITY:

Stable at normal ambient temperatures. Avoid heat, flames and other sources of ignition. Also avoid strong oxidising agents, strong acids and strong alkalis. Will not polymerise.

DECOMPOSITION:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

POSSIBILITY OF HAZARDOUS REACTIONS:

Will not polymerise.



AMPHORA AROMATICS  
LIMITED

essential oils, skincare & aromatherapy products

**11: TOXICOLOGICAL INFORMATION (HISTORICAL DATA)**

|  |   |
|--|---|
| ACUTE TOXICITY – ORAL: ATE ORAL (MG/KG): | 3460.08   |
| EYE CONTACT                              | Causes serious eye damage.                                      |
| SKIN CONTACT                             | Causes skin irritation.<br>May cause an allergic skin reaction. |
| INGESTION                                | May be fatal if swallowed and enters airways.                   |

**TOXICOLOGICAL INFORMATION ON INGREDIENTS:**

**4 - Terpineol**

ACUTE TOXICITY – ORAL

|   |      |
|---|------|
| ACUTE TOXICITY ORAL (LD <sub>50</sub> MG/KG): | 1300 |
| SPECIES:                                      | Rat  |
| ATE ORAL (MG/KG)                              | 1300 |

ACUTE TOXICITY – DERMAL

|   |        |
|---|--------|
| ACUTE TOXICITY DERMAL (LD <sub>50</sub> MG/KG): | 2500   |
| SPECIES:  | Rabbit |
| ATE DERMAL (MG/KG):                             | 2500   |

**p-Mentha-1,3-diene (alpha-terpinene)**

|   |      |
|---|------|
| ACUTE TOXICITY – ORAL                         |      |
| ACUTE TOXICITY ORAL (LD <sub>50</sub> MG/KG): | 1680 |
| SPECIES:                                      | Rat  |
| ATE ORAL (KG/MG)                              | 1680 |

**12: ECOLOGICAL INFORMATION**

|             |  |
|-------------|--|
| ECOTOXICITY | Toxic to aquatic life with long lasting effects. |
|-------------|--|

**ECOLOGICAL INFORMATION ON INGREDIENTS:**

**ALPHA PINENE**

|                        |                               |
|------------------------|-------------------------------|
| ACUTE AQUATIC TOXICITY |                               |
| LE(C) <sub>50</sub>    | 0.1 < L(E)C <sub>50</sub> ≤ 1 |
| M FACTOR (ACUTE):      | 1                             |

|                                    |   |
|------------------------------------|---|
| PERSISTENCE AND DEGRADABILITY      | The product is not expected to be biodegradable.                            |
| BIOACCUMULATIVE POTENTIAL          | The product does not contain any substances expected to be bioaccumulating. |
| MOBILITY IN SOIL                   | The product is insoluble in water.  |
| RESULTS OF PBT AND vPvB ASSESSMENT | This product does not contain any substances classified as PBT or vPvB.     |
| PRECAUTIONS                        | Prevent contamination of soil, ground, surface water                        |

**13: DISPOSAL CONSIDERATIONS**

|                  |   |
|------------------|---|
| DISPOSAL METHODS | Dispose of waste or used containers in accordance with local regulations. |
|------------------|---|



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**14: TRANSPORT INFORMATION**

UN No. UN3082  
PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(CONTAINS  
CITRONELLOL, p-MENTHA-1,3-DIENE (ALPHA-TERPINENE))  
TRANSPORT HAZARD CLASS(ES) 9



PACKING GROUP III  
ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE/MARINE POLLUTANT This is an environmentally  
hazardous substance/marine  
pollutant.



**SPECIAL PRECAUTIONS FOR USER:**

- EMS: F-A, S-F  
- ADR TRANSPORT CATEGORY: 3  
- EMERGENCY ACTION CODE: •3Z  
- HAZARD IDENTIFICATION NUMBER  
(ADR/RID): 90  
- TUNNEL RESTRICTION CODE: (E)  
TRANSPORT IN BULK ACCORDING TO ANNEX II  
OF MARPOL73/78 AND THE IBC CODE Not applicable

**15: REGULATORY INFORMATION**

EU LEGISLATION Regulation (EC) No 1272/2008 of the European Parliament and of  
the Council of 16 December 2008 on classification, labelling and  
packaging of substances and mixtures (as amended).  
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) (as  
amended).  
GUIDANCE Workplace Exposure Limits EH40.





**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**16: OTHER INFORMATION**

**Key literature references and sources for data**

European Chemicals Agency, <http://echa.europa.eu/>

**Hazard 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.

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 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.