

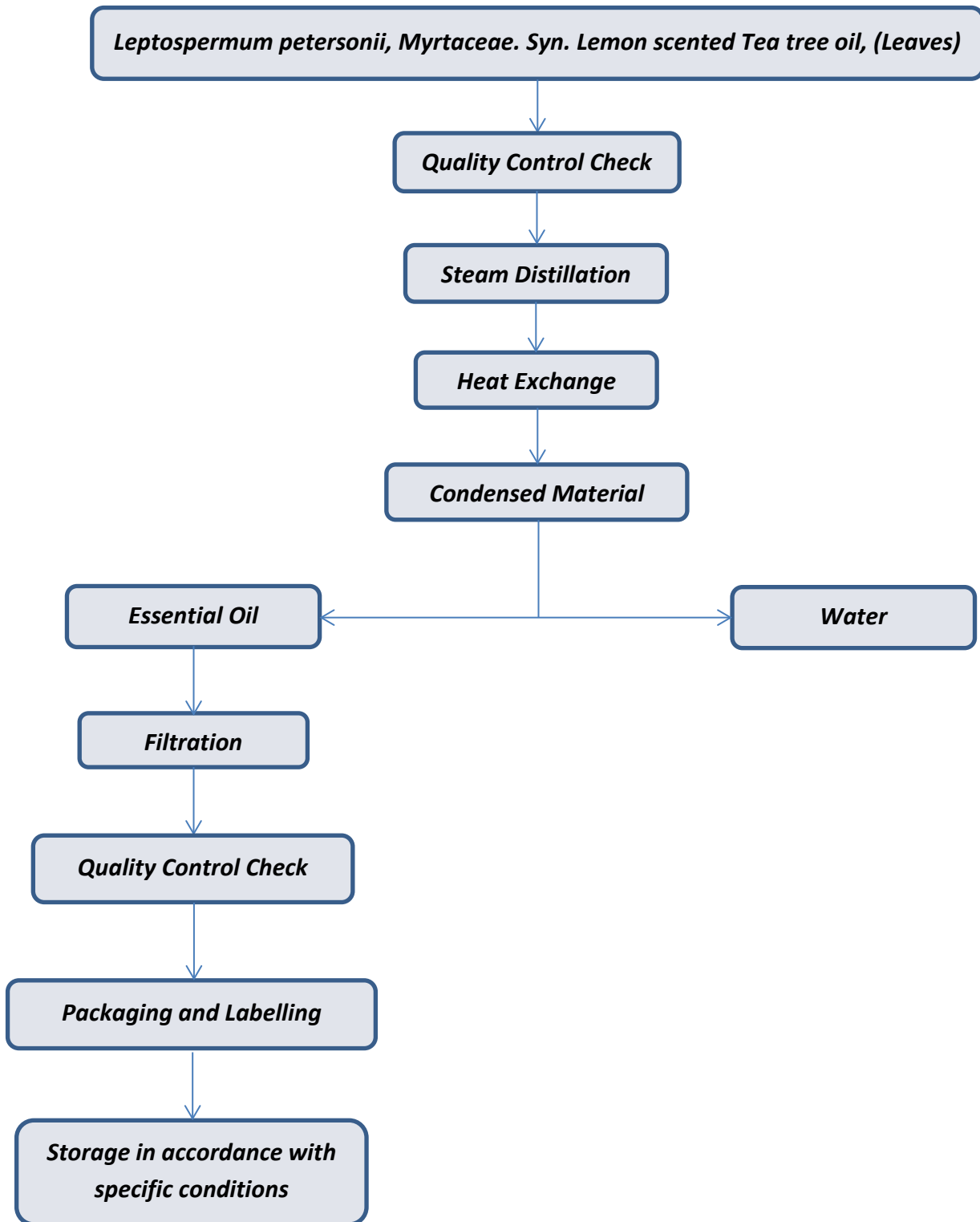


## Certificate of Analysis

PRODUCT DETAILS		
Product Name	TEA TREE LEMON SCENTED OIL	
Product Code	OETEATREELEMO	
INCI Name	Leptospermum Petersonii Oil	
Batch Number	4398705	
Best Before End	June 2023	
Manufacturing Process	Leptospermum Petersonii Oil is an oil obtained from hydrodistillation of the leaves of the plant, Leptospermum petersonii, Myrtaceae. Syn Lemon Scented Tea Tree Oil	
Identification	CAS No: 85085-43-4	EINECS No: 285-372-4
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	<b>SPECIFICATION RANGES</b>	<b>RESULTS</b>
Appearance	Liquid	Conforms
Colour	Pale yellow to amber yellow	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C	0.840 - 0.900	0.892
Refractive Index @ 20c	1.460 - 1.501	1.478
Optical rotation @ 20°C	-10.0 to +8.0	-1.92
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place away from heat and sunlight.	

**DISCLAIMER:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

## PROCESS FLOW CHART LEMON TEA TREE OIL





## SAFETY DATA SHEET LEMON TEA TREE OIL

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

<b>Product name</b>	TEA TREE LEMON
<b>Product number</b>	OETEATREELEMO
<b>Synonyms; trade names</b>	Leptospermum Petersonii Oil, Lemon Scented Tea Tree
<b>CAS number</b>	85085-43-4
<b>EC number</b>	285-372-4

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

MADAR Corproation Limited  
19-20 Sandleheath Industrial Estate  
Fordingbridge  
Hampshire  
SP6 1PA  
01425 655555  
sales@madarcorporation.co.uk

##### Approved sellers

Cosmetic Butters, Mystic Moments, New Directions, World of Moulds

#### 1.4. Emergency telephone number

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304
<b>Environmental hazards</b>	Aquatic Chronic 2 - H411
<b>Human health</b>	Fatal if swallowed The liquid may be irritating to skin. Causes serious eye irritation
<b>Environmental</b>	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 2.2. Label elements

<b>EC number</b>	285-372-4
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## TEA TREE LEMON

### Pictogram



### Signal word

Danger

### Hazard statements

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.  
 H411 Toxic to aquatic life with long lasting effects.

### Precautionary statements

P261 Avoid breathing vapour/ spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 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.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321 Specific treatment (see medical advice on this label).  
 P330 Rinse mouth.  
 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.  
 P337+P313 If eye irritation persists: 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

Terpinene-1-ol-4, Alpha Terpinene, Citronellal, Geraniol, Alpha Pinene, 1, 8 cineole, a terpinolene, (R)-p-mentha-1,8-diene, Beta Pinene, Farnesol

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Terpinene-1-ol-4</b>	<b>30 - 60%</b>
CAS number: 562-74-3	EC number: 209-235-5
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

## TEA TREE LEMON

<b>p-mentha-1,4-diene</b>	<b>10-30%</b>
CAS number: 99-85-4	EC number: 202-794-6
<b>Classification</b>	
Flam. Liq. 3 - H226	
Asp. Tox. 1 - H304	
<b>Geraniol</b>	<b>5-10%</b>
CAS number: 106-24-1	EC number: 203-377-1
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
<b>Citronellal</b>	<b>5-10%</b>
CAS number: 106-23-0	EC number: 203-376-6
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
<b>Alpha Terpinene</b>	<b>5-10%</b>
CAS number: 99-86-5	EC number: 202-795-1
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H302	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
<b>p-Cymene</b>	<b>1-5%</b>
CAS number: 99-87-6	EC number: 202-796-7
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Asp. Tox. 1 - H304	
<b>Geranyl Acetate</b>	<b>1-5%</b>
CAS number: 105-87-3	EC number: 203-341-5
<b>Classification</b>	
Skin Irrit. 2 - H315	
Skin Sens. 1B - H317	
Aquatic Chronic 3 - H412	

## TEA TREE LEMON

<b>a terpinolene</b>	<b>1-5%</b>
CAS number: 586-62-9	EC number: 209-578-0
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>(R)-p-mentha-1,8-diene</b>	<b>1-5%</b>
CAS number: 5989-27-5	EC number: 227-813-5
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>p-menth-1-en-8-ol</b>	<b>1-5%</b>
CAS number: 98-55-5	EC number: 202-680-6
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
<b>Alpha Pinene</b>	<b>1-5%</b>
CAS number: 80-56-8	EC number: 201-291-9
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>1, 8 cineole</b>	<b>1-5%</b>
CAS number: 470-82-6	EC number: 207-431-5
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Sens. 1B - H317	

## TEA TREE LEMON

<b>Methyl Isoeugenol</b>	<b>&lt;1%</b>
CAS number: 93-16-3	EC number: 202-224-6
<b>Classification</b> Not Classified	
<b>Linalool</b>	<b>&lt;1%</b>
CAS number: 78-70-6	EC number: 201-134-4
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	
<b>Beta Pinene</b>	<b>&lt;1%</b>
CAS number: 127-91-3	EC number: 242-060-2
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
<b>Famseol</b>	<b>&lt;1%</b>
CAS number: 4602-84-0	EC number: 225-004-1
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

#### 4.3. Indication of any immediate medical attention and special treatment needed

## TEA TREE LEMON

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** In case of fire, toxic fumes like carbon monoxide and carbon dioxide may be liberated. Burning produces heavy smoke. Closed containers may build up pressure at elevated temperatures.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes and clothing. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wear protective clothing and gloves.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb spillage with inert, damp, non-combustible material. Flush away spillage with plenty of water. Collect and place in suitable waste disposal containers and seal securely.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Do not eat, drink or smoke when using this product. Keep away from heat, sparks and open flame. Wear protective clothing as described in Section 8 of this safety data sheet.

#### 7.2. Conditions for safe storage, including any incompatibilities

**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.

#### 7.3. Specific end use(s)



## TEA TREE LEMON

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

No data available.

#### Citronellal (CAS: 106-23-0)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 9 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 1.7 mg/kg, bw/day</p> <p>Workers - Dermal; Long term local effects: 140 mg/cm<sup>2</sup></p> <p>General population - Inhalation; Long term systemic effects: 2.7 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 1 mg/kg, bw/day</p> <p>General population - Dermal; Long term local effects: 140 mg/cm<sup>2</sup></p> <p>General population - Oral; Long term systemic effects: 0.6 bw/day, mg/kg</p>
<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; Short term 0.009 mg/l</li> <li>- Intermittent release, Fresh water; 0.087 mg/l</li> <li>- Marine water; Short term 0.001 mg/l</li> <li>- STP; Short term 4 mg/l</li> <li>- Sediment (Freshwater); Short term 0.159 mg/kg</li> <li>- Sediment (Marinewater); Short term 0.016 mg/kg</li> <li>- Soil; Short term 0.027 mg/kg</li> </ul>

#### Geraniol (CAS: 106-24-1)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 161.6 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 12.5 mg/kg, bw/day</p> <p>General population - Inhalation; Long term systemic effects: 47.8 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 7.5 mg/kg, bw/day</p> <p>General population - Oral; Long term systemic effects: 13.75 bw/day, mg/kg</p>
<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; Short term 0.011 mg/l</li> <li>- Intermittent release, Fresh water; 0.108 mg/l</li> <li>- Marine water; Short term 0.001 mg/l</li> <li>- STP; Short term 0.7 mg/l</li> <li>- Sediment (Freshwater); Short term 0.115 mg/kg</li> <li>- Sediment (Marinewater); Short term 0.011 mg/kg</li> <li>- Soil; Short term 0.017 mg/kg</li> </ul>

#### (R)-p-mentha-1,8-diene (CAS: 5989-27-5)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 33.3 mg/m<sup>3</sup></p> <p>General population - Oral; Long term systemic effects: 4.76 mg/kg</p>
<b>PNEC</b>	<ul style="list-style-type: none"> <li>- STP; 1.8 mg/l</li> <li>- Soil; 0.262 mg/kg</li> <li>- Fresh water; 0.0054 mg/l</li> <li>- Marine water; 0.00054 mg/l</li> <li>- Sediment (Freshwater); 1.32 mg/kg</li> <li>- Sediment (Marinewater); 0.13 mg/kg</li> </ul>

#### 1, 8 cineole (CAS: 470-82-6)

## TEA TREE LEMON

**DNEL** Workers - Inhalation; Long term systemic effects: 7.05 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2 mg/kg, bw/day  
 General population - Inhalation; Long term systemic effects: 1.74 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 1 bw/day, mg/kg  
 General population - Oral; Long term systemic effects: 600 bw/day, mg/kg

**PNEC** - Fresh water; Short term 5.7 mg/l  
 - Intermittent release, Fresh water; 0.57 mg/l  
 - Marine water; Short term 5.7 mg/l  
 - STP; Short term 10 mg/l  
 - Sediment (Freshwater); Short term 1.425 mg/kg  
 - Sediment (Marinewater); Short term 0.142 mg/kg  
 - Soil; Short term 0.25 mg/kg

### a terpinolene (CAS: 586-62-9)

**DNEL** Workers - Inhalation; Long term systemic effects: 3.6 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 0.52 bw/day, mg/kg  
 General population - Inhalation; Long term systemic effects: 0.9 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 0.26 bw/day, mg/kg  
 General population - Oral; Long term systemic effects: 0.26 bw/day, mg/kg

**PNEC** - Fresh water; Short term 0.634 mg/l  
 - Intermittent release, Fresh water; Short term 0.634 mg/l  
 - Marine water; Short term 0.063 mg/l  
 - STP; Short term 0.2 mg/l  
 - Sediment (Freshwater); Short term 14.7 mg/kg  
 - Sediment (Marinewater); Short term 14.7 mg/kg  
 - Soil; Short term 29.1 mg/kg

### Alpha Pinene (CAS: 80-56-8)

**DNEL** Workers - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 0.54 mg/kg, bw/day  
 General population - Inhalation; Long term systemic effects: 0.67 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day  
 General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day

**PNEC** - Fresh water; Short term 0.606 mg/l  
 - Fresh water, Intermittent release; 3.03 mg/l  
 - Marine water; Short term 0.061 mg/l  
 - Intermittent release, Marine water; 0.303 mg/l  
 - STP; Short term 0.2 mg/l  
 - Sediment (Freshwater); Short term 157 mg/kg  
 - Sediment (Marinewater); Short term 15.7 mg/kg  
 - Soil; Short term 31.7 mg/kg

### Geranyl Acetate (CAS: 105-87-3)

**DNEL** Workers - Inhalation; Long term systemic effects: 62.59 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 35.5 bw/day, mg/kg  
 General population - Inhalation; Long term systemic effects: 15.4 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 17.75 bw/day, mg/kg  
 General population - Oral; Long term systemic effects: 8.9 mg/kg, bw/day

## TEA TREE LEMON

- PNEC**
- Fresh water; Short term 3.72 mg/l
  - Intermittent release, Fresh water; 37.2 mg/l
  - Marine water; Short term 0.372 mg/l
  - STP; Short term 8 mg/l
  - Sediment (Freshwater); Short term 0.442 mg/kg
  - Sediment (Marinewater); Short term 0.044 mg/kg
  - Soil; Short term 0.086 mg/kg

### p-menth-1-en-8-ol (CAS: 98-55-5)

- PNEC**
- Fresh water; Short term 68 mg/l
  - Marine water; Short term 6.8 mg/l
  - STP; Short term 2.6 mg/l
  - Sediment (Freshwater); Short term 1.85 mg/kg
  - Sediment (Marinewater); Short term 0.185 mg/kg
  - Soil; Short term 0.329 mg/kg

### Beta Pinene (CAS: 127-91-3)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 5.69 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day
  - General population - Inhalation; Long term systemic effects: 1 mg/m<sup>3</sup>
  - General population - Dermal; Long term systemic effects: 0.3 bw/day, mg/kg
  - General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day

- PNEC**
- Fresh water; Short term 1.004 mg/l
  - Intermittent release, Fresh water; 5.02 mg/l
  - Marine water; Short term 0.1 mg/l
  - STP; Short term 3.26 mg/l
  - Sediment (Freshwater); Short term 0.337 mg/kg
  - Sediment (Marinewater); Short term 0.034 mg/kg
  - Soil; Short term 0.067 mg/kg

### Linalool (CAS: 78-70-6)

- DNEL**
- Workers - Dermal; Short term systemic effects: 5 mg/kg
  - Workers - Inhalation; Short term systemic effects: 16.5 mg/m<sup>3</sup>
  - Workers - Dermal; Long term systemic effects: 2.5 mg/kg
  - Workers - Inhalation; Long term systemic effects: 2.8 mg/m<sup>3</sup>
  - General population - Oral; Short term systemic effects: 1.5 mg/kg
  - General population - Dermal; Short term systemic effects: 2.5 mg/kg
  - General population - Inhalation; Short term systemic effects: 4.1 mg/m<sup>3</sup>
  - General population - Oral; Long term systemic effects: 0.2 mg/kg
  - General population - Dermal; Long term systemic effects: 1.25 mg/kg
  - General population - Inhalation; Long term systemic effects: 0.7 mg/m<sup>3</sup>
  - ; :

- PNEC**
- STP; Short term 10 mg/l
  - Soil; Short term 0.327 mg/kg
  - Intermittent release; Short term 2 mg/l
  - Fresh water; Short term 0.2 mg/l
  - Marine water; Short term 0.02 mg/l
  - Sediment (Freshwater); Short term 2.22 mg/kg
  - Sediment (Marinewater); Short term 0.222 mg/kg

## 8.2. Exposure controls

## TEA TREE LEMON

### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

Wear tight-fitting, chemical splash goggles or face shield.

**Hand protection**

It is recommended that chemical-resistant, impervious gloves are worn.

**Other skin and body protection**

Wear protective clothing.

**Hygiene measures**

Good personal hygiene procedures should be implemented.

**Respiratory protection**

Generally unnecessary in a well ventilated area.  
If ventilation is insufficient, respiratory protection must be worn.

**Environmental exposure controls**

Avoid discharging into drains.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Pale yellow to amber yellow
<b>Odour</b>	Characteristic.
<b>Flash point</b>	63°C
<b>Relative density</b>	0.851 - 0.901 @ 20°C
<b>Solubility(ies)</b>	Insoluble in water.
<b>Optical rotation</b>	-10.0 to +8.0

#### 9.2. Other information

**Refractive index** 1.463 - 1.495 @ 20c

**Hydrocarbon Content**

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Temperatures above room temperature will allow the transfer from liquid to vapour phase and the formation of explosive atmosphere.

#### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong acids. Strong alkalis.

#### 10.6. Hazardous decomposition products

## TEA TREE LEMON

**Hazardous decomposition products** Not known. Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

ATE oral (mg/kg) 1,052.63

### SECTION 12: Ecological Information

**Ecotoxicity** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 12.1. Toxicity

**Toxicity** No data available.

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

#### 12.5. Results of PBT and vPvB assessment

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID) 1169

UN No. (IMDG) 1169

UN No. (ICAO) 1169

UN No. (ADN) 1169

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** EXTRACTS, AROMATIC, LIQUID

**Proper shipping name (IMDG)** EXTRACTS, AROMATIC, LIQUID

**Proper shipping name (ICAO)** EXTRACTS, AROMATIC, LIQUID

**Proper shipping name (ADN)** EXTRACTS, AROMATIC, LIQUID

#### 14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK  
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

## TEA TREE LEMON

ADN class 3

### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**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) (as amended).

**Guidance** CHIP for everyone HSG228.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### Inventories

EU - EINECS/ELINCS

Yes

## TEA TREE LEMON

### SECTION 16: Other information

<b>Revision date</b>	27/07/2017
<b>Revision</b>	3
<b>Supersedes date</b>	23/05/2016
<b>SDS number</b>	4669
<b>Hazard statements in full</b>	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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



# Product Specification

PRODUCT DETAILS		
Product Name	TEA TREE LEMON	
Product Code	OETEATREELEMO	
INCI Name	Leptospermum Petersonni Oil	
Country of Origin	Australia	
Tariff Number	3301 2941	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.	
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.	
Kosher Certified	No	
Halal Certified	No	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Leptospermum Petersonni Oil is an oil obtained from hydrodistillation of the leaves of the plant, Leptospermum petersonii, Myrtaceae. Syn Lemon Scented Tea Tree Oil	
Identification	CAS No: 85085-43-4	EINECS No: 285-372-4
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid	
Colour	Pale yellow to amber yellow	
Odour	Characteristic	
Relative Density @ 20°C	0.851 - 0.901	
Refractive Index @ 20c	1.463 - 1.495	
Optical rotation @ 20°C	-10.0 to +8.0	
FRAGRANCE ALLERGENS		
Geraniol (106-24-1) <b>5 - 10%</b>	Farnesol (4602-84-0) <b>&lt;1.0%</b>	Linalool (78-70-6) <b>&lt;1.0%</b>
Limonene (5989-27-5) <b>1 - 5%</b>		
FOOD ALLERGENS		
None present		
IFRA		
Linalool (78-70-6) <b>&lt;1.0%</b>	Limonene (5989-27-5) <b>1 - 5%</b>	Geraniol (106-24-1) <b>5 - 10%</b>
Farnesol (4602-84-0) <b>&lt;1.0%</b>		
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place away from heat and sunlight.	
Shelf Life	When stored for more than 24 months, quality should be checked before use.	

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## Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	LEMON TEA TREE OIL (LEMONT1001)
Cas No:	85085-43-4
EINECS No:	285-372-4
STATEMENT	
<p>We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan or vegetarian diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	