

**\*Ayanda African Oils abbreviated SDS for website (upon request the full SDS can be made available)**

**Safety Data Sheet Lemon Tea tree oil**

**Description:** Leptospermum petersoni Oil is an essential oil obtained from steam distillation of the leaves of the plant, Leptospermum petersonii, Myrtaceae. Syn. Lemon scented Tea tree oil.

Physical and Chemical properties	RANGE
Odour	Lemon, floral odour
Colour	Clear to light yellow
Specific gravity at 20°C	0.878 – 0.908
Refractive index at 20°C	1.461 – 1.491
Optical rotation at 20°C	-3° to +5°
Flash point	63 °C

Main Ingredients:	CAS-No	Percentage
Citral	5392-40-5	45%-65%
Citronellal	106-23-0	10%-35%
Citronellol	106-22-9	1%-5%
Isopulegol	89-79-2	Traces to 6%
Linalool	78-70-6	1%-4%
Geraniol	106-24-1	1%-4%

**Ayanda African Oils (Pty) Ltd**  
 Vat Reg 4040281596  
 Reg No 2017/655786/07  
 Windermere Farm  
 PO Box 189, Gingindlovu, 3800  
 Phone: +27 35 3407008  
 mat@ayanda oils.com





# Ayanda

AFRICAN OILS

## Technical specifications:

NCS, Natural Complex Substance (100% pure and natural)

N° CAS TSCA 85085-43-4

N° EINECS 285-372-4

INCI Leptospermum Petersonii oil

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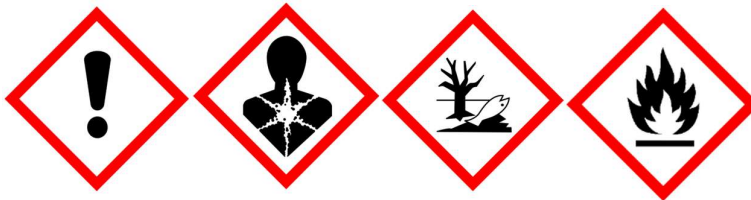
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## Hazards Identification



GHS07

GHS08

GHS09

GHS02

## Transport information:

	Sea (IMDG)	Land (ADR)	Air (IATA)
Proper shipping name	Extracts, Liquid	Extracts, Liquid	Extracts, Liquid
Hazardous class	3	3	3
UN/ID No	1197	1197	1197
Packing group	III	III	III

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Customs rate code

3301 29 49

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## Handling and Storage

### **Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.  
 Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Handle in accordance with good industrial hygiene and safety practise. Ensure adequate ventilation of the working area.

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

Store in cool place, keep container tightly closed in a dry and well-ventilated place. Store away from direct sunlight and protect from freezing. Store in stainless steel container, opaque glass container or Fluorinated HDPE container. Air and light sensitive.

Shelf life four years from date of production.

## Special indications:

The presence of the following allergen substances in a finished product must be indicated by way of labelling if their respective concentration exceeds 100 ppm in a rinsed product and 10 ppm in a product not rinsed. (7th amendment of Cosmetic Directive European 2003/15/EC)

Present allergens:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Citral	5392-40-5	< 65.0	Restriction Stds (QRA cat.)
Citronellol	106-22-9	< 5.0	Restriction Stds (QRA cat.)
Geraniol	106-24-1	< 4.0	Restriction Stds (QRA cat.)
Limonene	5989-27-5	< 1.0	Specification Stds
Linalool	78-70-6	< 4.0	Specification Stds





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Alpha – pinene	80-56-8	< 2.0	
Beta - pinene	7785-70-8	< 1.0	
Beta – Caryophyllene	87-44-5	< 0.5	
Geranyl acetate	105-87-3	< 0.5	

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### First Aid measures

#### Description of First aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Remove affected person from source of contamination.

*Eye contact:* Wash eyes by normal first aid procedures for at least 15 minutes and consult a physician.

*Skin contact:* Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

*Ingestion:* Clean mouth with water, call a POISON CENTRE or physician. If swallowed, do not induce vomiting.

*Inhalation:* Inhalation may cause coughing, tightness of chest and irritation of the respiratory system. Remove person to ventilated area and follow normal first aid procedures. Perform artificial respiration if breathing has stopped.

*Notes to physician:* Treat symptomatically





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### **Fire-fighting measures**

#### **Extinguishing media**

*Suitable extinguishing media:* Use alcohol-resistant foam, dry chemical or carbon dioxide.

#### **Special hazards arising from the substances or mixtures.**

When heated and in case of fire toxic vapours/gasses may be formed.

**Unusual fire and Explosion Hazards:** None, material is not pyrophoric, does not react with water, not an oxygen donor, material is shock stable.

**Advice for fire-fighters:** Cool container exposed to the flame with water fog. Fire fighters should wear positive pressure self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### **Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

#### **Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains, water courses or onto the ground.

#### **Methods and materials for containment and cleaning up**

Small spills can be wiped up with paper rags (placed in closed metal waste container). Large spill: contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Large spills can also be collected with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and placed in metal container for disposal according to local/National regulations.

Contact: Mathias Wessels

This sheet has been updated on the 17 October 2023.

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