

## **1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Tea Tree Lemon Essential Oil
Botanical name	:	Leptospermum petersonii
Country of Origin	:	USA
Product use	:	Domestic and Industrial
Supplier	:	Botanic Universe
Address	:	295 Alliance Rd. Unit 12 Milton Ontario, Canada, L9T 4W8
Telephone number	:	1-877-509-6457

## **2. HAZARDS IDENTIFICATION**

### **Emergency Overview**

### **GHS Classification**

Skin Corrosion/Irritation - Category 2

Serious eye damage/eye irritation - Category 2A

Skin Sensitization - Category 1B

### **GHS Label elements, including precautionary statements**



Signal: Warning

### **Hazard statement(s)**

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

### **Precautionary statement(s)**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.

P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P370+P380+P375	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
P501	Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

### **3. COMPOSITION / INFORMATION INGREDIENTS**

<b>Product Name</b>	<b>CAS NO</b>	<b>EC NO</b>	<b>Concentration</b>
Geranial	141-27-5	-	30 - 40 %
neral	106-26-3	-	20 - 30 %
Citronellal	106-23-0	-	10 - 20 %
Citronellol	106-22-9	-	5 - 10 %
1,6-Octadien-3-ol, 3,7-dimethyl-	78-70-6	-	1.0 - 5.0 %
1,6-Octadiene, 7-methyl-3-methylene (b- myrcene)-(natural occurring)	123-35-3	-	1.0 - 5.0 %
Citronellyl acetate	150-84-5	-	1.0 - 5.0 %
Geraniol	106-24-1	-	0.1 - 1 %
Pinene, alpha	80-56-8	-	0.1 - 1 %
2,6-octadien-1-ol,3,7-dimethyl acetate	105-87-3	-	0.1 - 1 %
Phenol, 2-methoxy-4-(2-propenyl)-	97-53-0	-	0.1 - 1 %
Pinene, beta	127-91-3	-	0.1 - 1 %
Neryl acetate	141-12-8	-	0.1 - 1 %
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-	5989-27-5	-	0.1 - 1 %

### **4. FIRST AID MEASURES**

#### **Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

#### **Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

#### **Inhalation**

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

#### **Ingestion**

Seek medical attention or contact local poison control center.

### **5. FIRE FIGHTING MEASURES**

#### **Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

#### **Unsuitable extinguishing media**

Water spray, waterjet.

#### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog

for cooling exposed containers.

### **Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

### **Resulting gases**

Carbon oxides.

## **6. ACCIDENTAL RELEASE MEASURES**

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

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

Soak up with inert absorbent material. Prevent product from entering drains.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

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

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

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

### **Exposure controls**

Pinene, alpha 80-56-8 : ACGIHTLC (TWA): 20PPM

Pinene, beta 127-91-3 : ACGIHTLC (TWA): 20PPM

### **Eyes**

Use tightly sealed goggles.

### **Skin**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### **Respiratory**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **Ingestion**

Not for ingestion.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Colorless yellow transparent liquid.
Odor	:	Characteristic lemon-scent with hints of citronella and lemongrass.
Flashpoint	:	100 °C (closed cup)
Relative density	:	0.872 to 0.898 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.469 to 1.480 @ 20°C
Optical rotation	:	+1.0 to +5 @ 20°C

## **10. STABILITY AND REACTIVITY**

### **Reactivity**

This material presents no significant reactivity hazard.

### **Chemical stability**

Chemically stable.

### **Possibility of hazardous reactions**

Hazardous polymerization will not occur.

### **Conditions to avoid**

Avoid sparks, flame and other heat sources.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon Oxides.

## **11. TOXICOLOGICAL INFORMATION**

### **Acute toxicity**

Not available.

### **Inhalation**

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

### **Skin contact**

May cause skin irritation.

### **Eye contact**

May cause conjunctival irritation.

### **Ingestion**

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

None known.

### **Persistence and degradability**

Not available.

### **Bio - accumulative potential**

Not available.

### **Mobility in soil**

Not available.

### **Other adverse effects**

Not available.

## **13. DISPOSAL CONSIDERATION**

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

## **14. TRANSPORT INFORMATION**

### **US DOT Shipping Description (Land)**

Not regulated

**IMO-IMDG Shipping Description (Sea)**

Not regulated

**IATA Shipping Description (Air)**

Not regulated

**15. REGULATORY INFORMATION**

**SARA 313**

This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 4. of the Code of Federal Regulations, Part 372.

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

**16. OTHER INFORMATION**

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**Disclaimer & Caution**

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