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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Tea Tree Essential Oil (Australia)

Botanical name : Melaleuca alternifolia

FEMA : 3902

INCI name : Melaleuca alternifolia (tea tree) leaf oil

CAS # : 68647-73-4 / 85085-48-9

Country of Origin : Australia

EINECS # : 285-377-1

Product use : Domestic and Industrial

Supplier : Canwax

Address : 114 Lindgren Rd. W Unit 1B Huntsville, ON P1H 1Y2

Fax :

Telephone number : 705-789-1002

Emergency phone number : (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### WHMIS Classification

B3 Combustible Liquid

D2B Toxic Material Causing Other Toxic Effects.

. Moderate skin and eye irritant.

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### GHS Classification

Flammable Liquids - Category 3

Acute Toxicity oral - Category 4

Aspiration Hazard - Category 1

Skin Corrosion /irritation - Category 2

Skin corrosion/irritation - Category 1

Serious eye damage / eye irritation - Category 2A

**GHS Label elements, including precautionary statements**



Signal : Danger

**Hazard statement(s)**

- 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 H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

- P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking
- P233 Keep container tightly closed.
- P241 Use explosion-proof electrical/ventilating/light/.../equipment
- P242 Use only non-sparking tools
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray
- P264 Wash ... thoroughly after handling
- P273 Avoid release to the environment
- P331 Do NOT induce vomiting
- P301 + 310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- P302+352 IF ON SKIN: Wash with soap and water
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes.  
. Remove contact lenses if present and easy to do –continue rinsing

**HMIS Classification & Potential Health Effects**

**HMIS Ratings**

Health : 3, Flammability : 2, Physical Hazard : 0, Personal protection : D

**Skin**

May be harmful if absorbed through skin. Causes skin irritation.

**Eyes**

Causes serious eye irritation.

**Ingestion**

Harmful if swallowed.

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**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
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1,8-cineol	470-82-6	less than 15 %
Alpha-terpineol	98-55-5	1.5 - 8.0 %
Alpha-terpinene	99-86-5	5 - 15.0 %
Terpinen-4-ol	562-74-3	more than 30 %

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#### 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

Supply fresh air. Seek medical attention. In case of unconsciousness, place patient stably in side position for transportation.

##### Ingestion

Do not induce vomiting. Seek medical attention or contact local poison control center.

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#### 5. FIRE FIGHTING MEASURES

##### Suitable extinguishing media

Alcohol-resistant foam. Dry Powder. Carbon dioxide. Water spray.

**Unsuitable extinguishing media** Water jet.

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

Wear self-contained respiratory protective device. Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**Special hazards arising from the substance or its combustible products** In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

Smoke and soot

Do not use water with full jet to prevent fire spreading.

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#### 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

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

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## 7. HANDLING AND STORAGE

### Precautions for safe handling

Fumes can combine with air to form an explosive mixture. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. 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.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure controls

Avoid contact with the eyes and skin by using personal protective equipment. Natural ventilation should be sufficient.

### Eyes

Use tightly sealed goggles.

### Skin

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

### Respiratory

Use suitable respiratory protection.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Clear colorless to pale yellow liquid.
Odor	:	Fresh, warm, spicy-earthly odor.
Flash point	:	47 °C
Relative density	:	0.885 - 0.906 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Auto-ignition temperature	:	252°C
Refractive index	:	1.4750 – 1.4820 @ 20°C
Optical rotation	:	+5.0° to +15° @ 20°C

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## 10. STABILITY AND REACTIVITY

### Reactivity

This material presents no significant reactivity hazard.

**Chemical stability**

Thermal decomposition / conditions to be avoided:

Heating causes vaporization and formation of ignitable atmosphere is possible.

**Possibility of hazardous reactions**

Formation of explosive gas mixture with air possible. Reacts violently with oxidizing agents.

**Conditions to avoid**

Avoid sparks, flame and other heat sources.

**Incompatible materials** Strong

oxidizing agents.

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**11. TOXICOLOGICAL INFORMATION****Inhalation**

Not available.

**Skin contact** Not

available.

**Ingestion** Not

available.

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**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Avoid any pollution of ground, surface or underground water.

**Persistence and degradability** Not

determined.

**Bio - accumulative potential** Not

determined.

**Mobility in soil**

Not determined.

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**13. DISPOSAL CONSIDERATION**

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

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**14. TRANSPORT INFORMATION****UN Number**

2319

**UN proper shipping name**

Terpene hydrocarbons, n.o.s

**Transport hazard class**

3

**Packing group**

III

**US DOT Shipping Description (Land)**

2319

**Proper shipping name**

Terpene hydrocarbons, n.o.s

**Class**

3

**Packaging group**

III

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

2319

**Proper shipping name**

Terpene hydrocarbons, n.o.s

**Class**

3

**Packaging group**

III

**IATA Shipping Description (Air)**

2319

**Proper shipping name**

Terpene hydrocarbons, n.o.s

**Class**

3

**Packaging group**

III

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**15. REGULATORY INFORMATION****WHMIS Classification**

B3, D2B

**California Proposition 65**

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (included in Proposition 65 revised list): - Contains Myrcene, Methyl Eugenol.

**GHS Hazard Statements** See section 2.

**GHS Precautionary Statements** See section 2.

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**16. OTHER INFORMATION**

Revision date : March 9, 2016