

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	:	Tea Tree Essential Oil - AAA (Australia) - Verified by ECOCERT
Botanical name	:	Melaleuca alternifolia
INCI name	:	Melaleuca alternifolia leaf oil
CAS #	:	85085-48-9 / 8022-72-8 / 68647-73-4
Country of Origin	:	Australia
EINECS #	:	285-377-1
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

**2. HAZARDS IDENTIFICATION****Emergency Overview****GHS Classification**

Flammable liquids - Category 3

Skin Corrosion/Irritation - Category 2

Serious eye irritation - Category 2A

Skin Sensitization - Category 1B

Aspiration Toxicity - Category 1

**GHS Label elements, including precautionary statements**

Signal: Danger

**Hazard statement(s)**

H226	Flammable Liquid and vapour.
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.

**Precautionary statement(s)**

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking
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P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash face, hands and any exposed skin thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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	In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.
P403	Store in a well ventilated place.
P405	Store locked up.
P501	Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Terpinene-4-ol	562-74-3	-	> 30 %
Terpinene alpha	99-86-5	-	5 - 15 %
1-8 Cineole	470-82-6	-	< 15 %

### 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, water jet.

### **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**

Thermal decomposition can lead to release of irritating gases and vapors.

### **Resulting gases**

Carbon oxides.

## **6. ACCIDENTAL RELEASE MEASURES**

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

Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

### **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**

Pick up and transfer to properly labelled containers. Soak up with inert absorbent material. Dam up.

## **7. HANDLING AND STORAGE**

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### **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**

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### **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**

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Appearance	:	Clear colorless to pale yellow liquid.
Odor	:	Characteristic powerful, fresh, warm, spicy-earthly odor.
Flash point	:	47 °C
Relative density	:	0.885 to 0.906 @ 20°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.4750 to 1.4820 @ 20°C

## 10. STABILITY AND REACTIVITY

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### **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.

## 11. TOXICOLOGICAL INFORMATION

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### **Inhalation**

May be harmful if inhaled. Causes respiratory tract irritation.

### **Skin contact**

Harmful if absorbed through skin. Causes skin irritation.

### **Eye contact**

Causes eye irritation.

### **Ingestion**

Harmful if swallowed.

## 12. ECOLOGICAL INFORMATION

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### **Ecotoxicity**

None known.

### **Persistence and degradability**

Not available.

### **Bio - accumulative potential**

Does not bio-accumulate.

### **Mobility in soil**

Not available.

## 13. DISPOSAL CONSIDERATION

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

## 14. TRANSPORT INFORMATION

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### **UN Number**

1197

### **UN proper shipping name**

Extracts, flavouring, liquid

### **Transport hazard class**

3

### **Packing group**

III

**US DOT Shipping Description (Land)**

1197

**Proper shipping name**

Extracts, flavouring, liquid

**Class**

3

**Packaging group**

III

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

1197

**Proper shipping name**

Extracts, flavouring, liquid

**Class**

3

**Packaging group**

III

**IMO-IMDG code**

1197

**IATA Shipping Description (Air)**

1197

**Proper shipping name**

Extracts, flavouring, liquid

**Class**

3

**Packaging group**

III

**Emergency action in case of accident**

Notify police and fire department immediately

**15. REGULATORY INFORMATION**

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**California Proposition 65**

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list: MYRCENE and METHYLEUGENOL

**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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