

## SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : February 13, 2023

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Tea Tree Organic Essential Oil (Australia)
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, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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 - 40 %
Terpinene gamma	99-85-4	-	10 - 20 %
Pinene, alpha	80-56-8	-	5.0 - 10 %
Terpinene, alpha	99-86-5	-	5.0 - 10 %
Cymene p	99-87-6	-	1.0 - 5.0 %
2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-	470-82-6	-	1.0 - 5.0 %
4-Isopropylidene-1-methylcyclohex ene	586-62-9	-	1.0 - 5.0 %
3-cyclohexene-1-methanol, a,a,4-trimethyl	98-55-5	-	1.0 - 5.0 %
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-	5989-27-5	-	1.0 - 5.0 %
1,6-Octadiene, 7-methyl-3-methylene (b- myrcene)-(natural occurring)	123-35-3	-	1.0 - 5.0 %
Pinene, beta	127-91-3	-	0.1 - 1.0 %
1,6-Octadien-3-ol, 3,7-dimethyl-	78-70-6	-	0.1 - 1.0 %

### 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**

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### **Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

### **Unsuitable extinguishing media**

Water spray, water jet.

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

Wear self-contained breathing apparatus for firefighting if necessary.

### **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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### **Exposure controls**

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

Pinene, beta 127-91-3: ACGIH TLV (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

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Appearance	:	Colorless to pale yellow liquid.
Odor	:	Characteristic warm, spicy odor.
Odor threshold	:	Not available.
pH	:	Not available.
Flash point	:	56°C (closed cup)
Relative density	:	0.8818 to 0.9028 @ 25 °C
Solubility (ies)	:	Insoluble in water.
Refractive index	:	1.4730 to 1.4830 @ 25 °C
Optical rotation	:	+5.0° to +15° @ 25 °C

## 10. STABILITY AND REACTIVITY

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### Reactivity

No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials.

### 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

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### Acute toxicity

LD50 Oral - Rat - 2,067.00 mg/kg

LD50 Dermal - Rabbit - >5,000 mg/kg

### Specific target organ toxicity

Inhalation - May cause respiratory irritation.

### 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.

**Other adverse effects**

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, liquid

**Transport hazard class**

3

**Packing group**

III

**US DOT Shipping Description (Land)**

1197

**Proper shipping name**

Extracts, liquid

**Class**

3

**Packaging group**

III

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

1197

**Proper shipping name**

Extracts, liquid

**Class**

3

**Packaging group**

III

## **IATA Shipping Description (Air)**

1197

### **Proper shipping name**

Extracts, liquid

### **Class**

3

### **Packaging group**

III

## **15. REGULATORY INFORMATION**

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### **California Proposition 65**

- This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).
- This product can expose you to Methyleugenol, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### **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**

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario, Canada.