1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name</th>
<th>Tea Tree Organic Essential Oil (Australia)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botanical name</td>
<td>Melaleuca alternifolia</td>
</tr>
<tr>
<td>INCI name</td>
<td>Melaleuca Alternifolia Leaf Oil</td>
</tr>
<tr>
<td>CAS #</td>
<td>85085-48-9 / 8022-72-8 / 68647-73-4</td>
</tr>
<tr>
<td>Country of Origin</td>
<td>USA</td>
</tr>
<tr>
<td>EINECS #</td>
<td>285-377-1</td>
</tr>
<tr>
<td>Product use</td>
<td>Domestic and Industrial</td>
</tr>
<tr>
<td>Supplier</td>
<td>New Directions Aromatics Inc.</td>
</tr>
<tr>
<td>Address</td>
<td>6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9</td>
</tr>
<tr>
<td>Fax</td>
<td>905-362-1926</td>
</tr>
<tr>
<td>Telephone number</td>
<td>905-362-1915</td>
</tr>
<tr>
<td>Emergency phone number</td>
<td>(613)-996-6666 CANUTEC 24 HOUR EMERGENCY</td>
</tr>
</tbody>
</table>

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)**
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fumes/gas/mist/vapours/spray.

Wash face, hands and any exposed skin thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

If skin irritation occurs: Get medical advice/attention.

If skin irritation or a rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use extinguishing media listed in Section 5 of the SDS to extinguish.

Store in a well ventilated place.

Store locked up.

Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

3. COMPOSITION / INFORMATION INGREDIENTS

<table>
<thead>
<tr>
<th>Product Name</th>
<th>CAS NO</th>
<th>EC NO</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terpinene-4-ol</td>
<td>562-74-3</td>
<td></td>
<td>30 - 40 %</td>
</tr>
<tr>
<td>Terpinene gamma</td>
<td>99-85-4</td>
<td></td>
<td>10 - 20 %</td>
</tr>
<tr>
<td>Pinene, alpha</td>
<td>80-56-8</td>
<td></td>
<td>5.0 - 10 %</td>
</tr>
<tr>
<td>Terpinene, alpha</td>
<td>99-86-5</td>
<td></td>
<td>5.0 - 10 %</td>
</tr>
<tr>
<td>Cymene p</td>
<td>99-87-6</td>
<td></td>
<td>1.0 - 5.0 %</td>
</tr>
<tr>
<td>2-Oxabicyclo[2.2.2]octane, 1,3,3-trimethyl-</td>
<td>470-82-6</td>
<td></td>
<td>1.0 - 5.0 %</td>
</tr>
<tr>
<td>4-Isopropylidene-1-methylcyclohexene</td>
<td>586-62-9</td>
<td></td>
<td>1.0 - 5.0 %</td>
</tr>
<tr>
<td>3-cyclohexene-1-methanol, a,a,4-trimethyl</td>
<td>98-55-5</td>
<td></td>
<td>1.0 - 5.0 %</td>
</tr>
<tr>
<td>Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-</td>
<td>5989-27-5</td>
<td></td>
<td>1.0 - 5.0 %</td>
</tr>
<tr>
<td>1,6-Octadiene, 7-methyl-3-methylene (b-myrcene)-(natural occurring)</td>
<td>123-35-3</td>
<td></td>
<td>1.0 - 5.0 %</td>
</tr>
<tr>
<td>Pinene, beta</td>
<td>127-91-3</td>
<td></td>
<td>0.1 - 1.0 %</td>
</tr>
<tr>
<td>1,6-Octadien-3-ol, 3,7-dimethyl-</td>
<td>78-70-6</td>
<td></td>
<td>0.1 - 1.0 %</td>
</tr>
</tbody>
</table>
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**

**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

**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

**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: 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless to pale yellow liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic warm, spicy odor.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>56 °C (closed cup)</td>
</tr>
<tr>
<td>Relative density (ies)</td>
<td>0.8818 to 0.9028 @ 25 °C</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.4730 to 1.4830 @ 25 °C</td>
</tr>
<tr>
<td>Optical rotation</td>
<td>+5.0° to +15° @ 25 °C</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**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

**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

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>None known.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Persistence and degradability</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Bio - accumulative potential</strong></td>
<td>Does not bio-accumulate.</td>
</tr>
<tr>
<td><strong>Mobility in soil</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Other adverse effects</strong></td>
<td>Not available.</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>UN Number</th>
<th>1197</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UN proper shipping name</strong></td>
<td>Extracts, flavoring, liquid</td>
</tr>
<tr>
<td><strong>Transport hazard class</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Packing group</strong></td>
<td>III</td>
</tr>
<tr>
<td><strong>US DOT Shipping Description (Land)</strong></td>
<td>1197</td>
</tr>
<tr>
<td><strong>Proper shipping name</strong></td>
<td>Extracts, flavoring, liquid</td>
</tr>
<tr>
<td><strong>Class</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Packaging group</strong></td>
<td>III</td>
</tr>
<tr>
<td><strong>IMO-IMDG Shipping Description (Sea)</strong></td>
<td>1197</td>
</tr>
<tr>
<td><strong>Proper shipping name</strong></td>
<td></td>
</tr>
</tbody>
</table>
Extracts, flavoring, liquid

Class
3

Packaging group
III

IATA Shipping Description (Air)
1197

Proper shipping name
Extracts, flavoring, liquid

Class
3

Packaging group
III

15. REGULATORY INFORMATION

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

Revision date : August 31, 2018

Disclaimer & Caution
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