1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name</th>
<th>Eucalyptus Radiata Essential Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botanical name</td>
<td>Eucalyptus radiata</td>
</tr>
<tr>
<td>INCI name</td>
<td>Eucalyptus Radiata Leaf/Stem Oil</td>
</tr>
<tr>
<td>CAS #</td>
<td>92201-64-4</td>
</tr>
<tr>
<td>Country of Origin</td>
<td>South Africa</td>
</tr>
<tr>
<td>EINECS #</td>
<td>295-995-3</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 Liquid - Category 3
- Aspiration Hazard - Category 1
- Skin Sensitization - Category 1
- Aquatic Chronic - Category 2

**GHS Label elements, including precautionary statements**

- **Signal:** Danger
- **Hazard statement(s)**
  - H226: Flammable liquid and vapor.
  - H304: May be fatal if swallowed and enters airways.
  - H317: May cause an allergic skin reaction.
  - H411: Toxic to aquatic life with long lasting effects.
- **Precautionary statement(s)**
  - P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P233: Keep container tightly closed.
Avoid release to the environment.

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

IF SWALLOWED: Immediately call a POISON CENTER/doctor/

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

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

Wash contaminated clothing before reuse.

In case of fire: Use ... to extinguish.

Collect spillage.

Store in a well ventilated place. Keep cool.

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>Eucalyptus Radiata Leaf/Stem Oil</td>
<td>92201-64-4</td>
<td>295-995-3</td>
<td>100 %</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 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
Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, colorless to pale yellow liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>Sweet cineolic aroma.</td>
</tr>
<tr>
<td>Flash point</td>
<td>50.2°C</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.906 to 0.927 @ 20 °C</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Soluble in alcohol and oils. Insoluble in water.</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.457 to 1.470 @ 20°C</td>
</tr>
<tr>
<td>Optical rotation</td>
<td>0° to +10° @ 20 °C</td>
</tr>
</tbody>
</table>

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
Prolonged exposure to air will result in gradual resinification and deterioration. Strong oxidizing agents; acids.

Hazardous decomposition products
11. TOXICOLOGICAL INFORMATION

**Acute toxicity**
Oral LD₅₀ rat: 5000 mg/Kg, Dermal LD₅₀ rabbit: 2500mg/Kg.

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

**Skin contact**
Adverse skin effects should be prevented by normal care and personal hygiene.

**Eye contact**
Possible irritation should be prevented by wearing safety glasses.

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

12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Avoid any pollution of ground, surface or underground water.

**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

**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.

15. REGULATORY INFORMATION

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.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

Revision date : December 20, 2022

Disclaimer & Caution

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