1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product name</th>
<th>Laurel Leaf Essential Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botanical name</td>
<td>Laurus nobilis</td>
</tr>
<tr>
<td>INCI name</td>
<td>Laurus Nobilis Oil</td>
</tr>
<tr>
<td>CAS #</td>
<td>84603-73-6</td>
</tr>
<tr>
<td>Country of Origin</td>
<td>Hungary</td>
</tr>
<tr>
<td>EINECS #</td>
<td>283-272-5</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
- Aspiration Toxicity - Category 1
- Skin Sensitization - Category 1
- Hazardous to the aquatic environment - long term hazard - Category 2
- Carcinogenicity - Category 2
- Germ cell mutagenicity - Category 2

GHS Label elements, including precautionary statements

Signal: Danger

Hazard statement(s)

- 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.
- H226 Flammable liquid and vapour
- H341 Suspected of causing genetic defects
- H351 Suspected of causing cancer
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>1,8-Cineole</td>
<td>470-82-6</td>
<td>207-431-5</td>
<td>≤53.0%</td>
</tr>
<tr>
<td>Linalool</td>
<td>78-70-6</td>
<td>201-134-4</td>
<td>≤7.5%</td>
</tr>
<tr>
<td>alpha-Terpineol acetate</td>
<td>80-26-2</td>
<td>201-265-7</td>
<td>≤7.5%</td>
</tr>
<tr>
<td>Sabinene L</td>
<td>3387-41-5</td>
<td>222-212-4</td>
<td>≤7.5%</td>
</tr>
<tr>
<td>beta-Pinene</td>
<td>127-91-3</td>
<td>242-060-2</td>
<td>≤6.5%</td>
</tr>
<tr>
<td>Methyl eugenol</td>
<td>93-15-2</td>
<td>202-223-0</td>
<td>≤3.5%</td>
</tr>
<tr>
<td>Limonene</td>
<td>138-86-3</td>
<td>205-341-0</td>
<td>≤3.0%</td>
</tr>
<tr>
<td>Eugenol</td>
<td>97-53-0</td>
<td>202-589-1</td>
<td>≤2.3%</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.

**Ingestion**
Not for ingestion.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless to pale yellow liquid.</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic odor.</td>
</tr>
<tr>
<td>Flash point</td>
<td>50°C</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.905 to 0.929 @ 20 °C</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Refractive index</td>
<td>1.465 to 1.470 @ 20 °C</td>
</tr>
<tr>
<td>Optical rotation</td>
<td>-19° to -10° @ 20 °C</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity**
It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

**Chemical stability**
The product is stable under normal conditions of use and storage.

**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**
Not available.

**Carcinogenicity**
None of the components of this material are listed as a carcinogen.

**Chronic toxicity**
May cause allergic reactions on skin.

**Reproductive toxicity**
No adverse effects on reproduction are known.

**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

**Repeated exposure**
Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

12. **ECOLOGICAL INFORMATION**

**Ecotoxicity**
Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

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**
1197

**US DOT Shipping Description (Land)**
1197

**IMO-IMDG Shipping Description (Sea)**
1197

**Proper shipping name**
Extracts, liquid

15. **REGULATORY INFORMATION**

**SARA 302**
None.

**SARA 313**
None.

**California Proposition 65**
• 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.

• This product can expose you to beta-Mycrene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

• This product can expose you to Estragole, 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 : February 08, 2023
Disclaimer & Caution

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