## 1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>Cinnamon Bark Essential Oil (Madagascar)</td>
</tr>
<tr>
<td>Botanical name</td>
<td>Cinnamomum zeylanicum</td>
</tr>
<tr>
<td>FEMA</td>
<td>2291</td>
</tr>
<tr>
<td>INCI name</td>
<td>Cinnamomun zeylanicum Bark Oil</td>
</tr>
<tr>
<td>CAS #</td>
<td>8015-91-6</td>
</tr>
<tr>
<td>Country of Origin</td>
<td>Madagascar</td>
</tr>
<tr>
<td>EINECS #</td>
<td>283-479-0</td>
</tr>
<tr>
<td>Product use</td>
<td>Domestic and Industrial</td>
</tr>
<tr>
<td>Supplier</td>
<td>Essential Depot, Inc.</td>
</tr>
<tr>
<td>Address</td>
<td>4605 Oak Circle, Sebring, FL 33870</td>
</tr>
<tr>
<td>Telephone number</td>
<td>866-840-2495</td>
</tr>
<tr>
<td>Emergency phone number</td>
<td>863-658-4398 Monday-Friday 9am-6pm</td>
</tr>
</tbody>
</table>

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

#### WHMIS Classification

- **B3**  Combustible Liquid
- **D2A**  Very Toxic Material Causing Other Toxic Effects, Carcinogen.
- **D2B**  Toxic Material Causing Other Toxic Effects, Moderate skin, respiratory, eye irritant, mutagen.

#### GHS Classification

- Acute toxicity, Oral - Category 5
- Acute Toxicity, Dermal - Category 3
Skin corrosion / irritation - Category 2
Skin sensitization - Category 1/1A/1B
Eye irritation - Category 2/2A
Carcinogenicity - Category 1
Hazardous to aquatic environment Long term/ Chronic - Category 2
Hazardous to aquatic environment Short term/ Acute - Category 2
Flammable liquids - Category 4

**GHS Label elements, including precautionary statements**

Signal : Danger

**Hazard statement(s)**

H303 May be harmful if swallowed.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction
H319 Causes serious eye damage.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

P201 Obtain special instructions before use.
P202 Toxic to aquatic life with long lasting effects. SAFETY DATA SHEET Version 1.0 Revision Date 05/04/2
P261 Avoid breathing dust, fume, gas, mist, vapours, spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P281 Use personal protective equipment as required.
P302 + 352 IF ON SKIN : Wash with plenty of soap and water.
P305 + 351 + 338 Rinse cautiously with water for several minutes.
P332 + P313 If skin irritation occurs : Get medical advice.
P333 + P313 If skin irritation or rash occurs : Get medical advice.
P361 Remove immediately all contaminated clothing.
P405 Collect spillage
P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.

**HMIS Classification & Potential Health Effects**

**Inhalation**

May be harmful if inhaled. Causes respiratory tract irritation
Skin
May be harmful if absorbed through skin. Causes skin irritation.

Eyes
Causes eye irritation

Ingestion
Maybe harmful if swallowed

### 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>Cinnamaldehyde</td>
<td>104-55-2</td>
<td></td>
<td>45 -75%</td>
</tr>
<tr>
<td>Cinnamyl acetate</td>
<td>103-54-8</td>
<td></td>
<td>Less than 10%</td>
</tr>
<tr>
<td>Beta caryophyllene</td>
<td>87-44-5</td>
<td></td>
<td>Less than 10%</td>
</tr>
<tr>
<td>Para cymene</td>
<td>99-87-6</td>
<td></td>
<td>Less than 5%</td>
</tr>
<tr>
<td>Eugenol</td>
<td>97-53-0</td>
<td></td>
<td>4 - 6%</td>
</tr>
<tr>
<td>Linalool</td>
<td>78-70-6</td>
<td></td>
<td>2 - 4%</td>
</tr>
<tr>
<td>Benzyl benzoate</td>
<td>120-51-4</td>
<td></td>
<td>1 - 3%</td>
</tr>
<tr>
<td>Limonene</td>
<td>138-86-3</td>
<td></td>
<td>Less than 2%</td>
</tr>
<tr>
<td>Camphene</td>
<td>79-92-5</td>
<td></td>
<td>Less than 1%</td>
</tr>
<tr>
<td>Safrole</td>
<td>94-59-7</td>
<td></td>
<td>0.1 - 0.5%</td>
</tr>
<tr>
<td>Terpinolene</td>
<td>586-62-9</td>
<td></td>
<td>Less than 0.5%</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.

Control parameters
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Use mechanical exhaust or laboratory fume hood to avoid exposure.
9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear pale yellow to reddish brown liquid.

Odor : Characteristic spicy cinnamon odor.

Melting Point/Freezing Point : -7.5 °C.

Initial b.p and boiling range : 249 °C

Flash point : 100°C

Relative density : 1.00 - 1.03 @ 25°C

Solubility (ies) : Insoluble in water. 1:2-1:3 in 70% ethanol

Refractive index : 1.5700 - 1.5900 @ 20°C

Optical rotation : -4° to + 4° @ 20°C

10. STABILITY AND REACTIVITY

Reactivity
This material presents no significant reactivity hazard.

Chemical stability
Chemically stable.

Conditions to avoid
Avoid sparks, flame and other heat sources.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity
May cause allergic reactions on skin.

Inhalation
Can be noxious. 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

Serious eye damage
Serious eye damage/eye irritation.

Aspiration hazard
Can be noxious.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic organisms, may cause long-term adverse effects environment. 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

US DOT Shipping Description (Land)
UN # - 2810

Proper shipping name
Toxic Liquid, Organic, N.O.S. (Cinnamon)

Class
6.1

Packaging group
III

IMO-IMDG Shipping Description (Sea)
UN # - 2810

Proper shipping name
Toxic Liquid, Organic, N.O.S. (Cinnamon)
Class
6.1

Packaging group
III

IATA Shipping Description (Air)
UN # - 2810

Proper shipping name
Toxic Liquid, Organic, N.O.S. (Cinnamon)

Class
6.1

Packaging group
III

Special Precautions during Transport
TRAVELLER AIRPLANE PACKING INSTRUCTION - 655; TRAVELLER AIRPLANE MAX. QUANTITY - 60 L;
CARGO AIRPLANE PACKING INSTRUCTION - 663; CARGO AIRPLANE MAXIMUM QUANTITY : 220 L

15. REGULATORY INFORMATION

WHMIS Classification
B3, D2A, D2B

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): EUGENOL/SAFROLE.

GHS Hazard Statements
See Section 2.

GHS Precautionary Statements
See Section 2.

16. OTHER INFORMATION

Revision date : July 20, 2016

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