

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Cinnamon Bark Essential Oil (Ceylon)
Botanical name	:	Cinnamomum zeylanicum L.
Synonyms	:	Laurus cinnamomum, Cinnamomum verum, Ceylon cinnamon
INCI name	:	Cinnamomun zeylanicum Bark Oil
CAS #	:	8015-91-6
Country of Origin	:	Sri Lanka
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

Acute toxicity, dermal (Category 3)

Carcinogenicity (Category 1B)

Eye irritation (Category 2A)

Flammable liquids (Category 4)

Skin irritation (Category 2)

Skin sensitization (Category 1)

Aspiration hazard(Category 1)

### GHS Label elements, including precautionary statements



Signal: Danger

### Hazard statement(s)

H227	Combustible liquid
H311	Toxic in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H317	May cause an allergic skin reaction
H350	May cause cancer
H304	May be fatal if swallowed and enters airways
H401	Toxic to aquatic life

**Precautionary statement(s)**

P201	Obtain special instructions before use.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P280	Wear protective gloves.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and e
P308+P313	IF exposed or concerned: Get medical advice/ attention.

**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
Cinnamomun zeylanicum Bark Oil	8015-91-6	-	100 %

**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**

Foam. Dry Powder. Carbon dioxide.

**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.

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## **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.

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## **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.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	:	Yellow to amber color liquid.
Odor	:	Cinnamon, sweet, spicy, floral odor.
Flash point	:	87.7°C
Relative density	:	1.002 to 1.033 @ 25 °C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.570 to 1.596 @ 25 °C
Optical rotation	:	Not available.

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## **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**

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**IARC**

2B - Group 2B: Possibly carcinogenic to humans (5-Allyl-1,3-benzodioxole)

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**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**

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**Ecotoxicity**

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

**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**

2810

**UN proper shipping name**

Toxic liquid, organic, n.o.s. (Cinnamon Oil)

**Transport hazard class**

6.1

**Packing group**

III

**US DOT Shipping Description (Land)**

2810

**Proper shipping name**

Toxic liquid, organic, n.o.s. (Cinnamon Oil)

**Class**

6.1

**Packaging group**

III

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

2810

**Proper shipping name**

Toxic liquid, organic, n.o.s. (Cinnamon Oil)

**Class**

6.1

**Packaging group**

III

**IATA Shipping Description (Air)**

2810

**Proper shipping name**

Toxic liquid, organic, n.o.s. (Cinnamon Oil)

**Class**

6.1

**Packaging group**

III

**15. REGULATORY INFORMATION**

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**WHMIS Classification**

B3, D2A, D2B

**SARA 302**

None.

**SARA 313**

None.

**California Proposition 65**

- This product can expose you to Safrole, 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 beta-Mycrene, 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).

**16. OTHER INFORMATION**

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## Disclaimer & Caution

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