

**SAFETY DATA SHEET (SDS)**

Version 2.0

Revision Date : April 21, 2022

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Cassia Essential Oil
Botanical name	:	Cinnamomum cassia
INCI name	:	Cinnamomum Cassia Leaf Oil
CAS #	:	8007-80-5
Country of Origin	:	China
EINECS #	:	284-635-0
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

Flammable liquids - Category 4

Acute toxicity, oral - Category 5

Acute toxicity, dermal - Category 3

Skin Corrosion/Irritation - Category 2

Skin Sensitization - Category 1

Serious Eye Damage/Irritation - Category 2A

Hazardous to aquatic environment - Acute - Category 2

### GHS Label elements, including precautionary statements



Signal: Danger

### Hazard statement(s)

H227	Combustible liquid.
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 irritation.
H401	Toxic to aquatic life.

#### **Precautionary statement(s)**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264	Wash skin thoroughly after handling.
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.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P312	Call a POISON CENTER/ doctor/if you feel unwell.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P361	Take off immediately all contaminated clothing.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container according to local regulations.

### **3. COMPOSITION / INFORMATION INGREDIENTS**

<b>Product Name</b>	<b>CAS NO</b>	<b>EC NO</b>	<b>Concentration</b>
Cinnamomum Cassia Leaf Oil	8007-80-5	284-635-0	100 %

### **4. FIRST AID MEASURES**

#### **Eye contact**

Check for and remove any contact lenses. Immediately flush with plenty of cool water for at least 15 minutes, keeping eyelids open. Seek medical attention.

#### **Skin contact**

Remove contaminated clothing. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Cover the irritated skin with an emollient. If irritation occurs, get medical attention. Wash contaminated clothing before reusing.

#### **Inhalation**

Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

#### **Ingestion**

Do NOT induce vomiting. Seek immediate medical attention or contact local poison control center.

## 5. FIRE FIGHTING MEASURES

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### **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.

### **Resulting gases**

Carbon oxides.

## 6. ACCIDENTAL RELEASE MEASURES

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### **Personal precautions, protective equipment and emergency procedures.**

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. For personal protection see section 8.

### **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

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### **Precautions for safe handling**

Keep away from heat and sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapours/spray. Wear suitable protective clothing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety procedures.

### **Conditions for safe storage, including any incompatibilities**

Flammable materials should be stored in a separate storage cabinet or room. Keep away from heat and sources of ignition. Keep container tightly closed in a cool, well-ventilated place. Ground all equipment containing material.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### **Exposure controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work station location.

### **Eyes**

Use tightly-sealed splash goggles.

### **Skin**

Use protective clothing such as lab coats and chemical-resistant gloves.

In case of a Large Spill: Full suit, chemically-resistant gloves and boots are required.

### **Respiratory**

Use an approved/certified respirator or equivalent.

In case of a Large Spill: Self-contained breathing apparatus should be used to avoid inhalation of the product.

### **Ingestion**

Not for ingestion.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Pale yellow to pale amber liquid.
Odor	:	Characteristic sweet cinnamon odor.
Initial b.p and boiling range	:	266 °C @ 1.013 hPa (760 mmHg)
Flash point	:	91.67°C
Relative density	:	1.052 to 1.070 @ 20°C
Solubility (ies)	:	Soluble in glacial acetic acid and in alcohol @ 25°C

## 10. STABILITY AND REACTIVITY

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### Chemical stability

Product is stable under normal conditions of storage and handling.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

Avoid exposure to air, sparks, flame and other heat sources.

### Hazardous decomposition products

Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

LD<sub>50</sub> Oral: Rat - 2,800 mg/kg

LD<sub>50</sub> Dermal: Rabbit - 320 mg/kg

### Inhalation

Inhalation of high concentrations of vapor may cause irritations.

### Skin contact

May cause an allergic skin reaction.

### Eye contact

Causes serious eye irritation.

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

No ecotoxicological data available. Nonetheless, avoid any pollution of ground, surface or underground water.

### Persistence and degradability

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

### Bio - accumulative potential

Not available.

## 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. (Cassia oil)

**Transport hazard class**

6.1

**Packing group**

III

**US DOT Shipping Description (Land)**

2810

**Proper shipping name**

Toxic liquid, organic, n.o.s. (Cassia oil)

**Class**

6.1

**Packaging group**

III

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

2810

**Proper shipping name**

Toxic liquid, organic, n.o.s. (Cassia oil)

**Class**

6.1

**Packaging group****IMDG-Marine pollution**

Yes.

**IATA Shipping Description (Air)**

2810

**Proper shipping name**

Toxic liquid, organic, n.o.s. (Cassia oil)

**Class**

6.1

**Packaging group**

III

**Emergency action in case of accident**

Notify police and fire department immediately

**15. REGULATORY INFORMATION**

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**California Proposition 65**

None of the components of this product is listed under the California Prop 65.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

**16. OTHER INFORMATION**

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#### **Disclaimer & Caution**

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