

1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|------------------------|---|--|
| Product name | : | Cassia Organic 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. |
| EUH401 | To avoid risks to human health and the environment, comply with the instructions for use. |

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

| Product Name | CAS NO | EC NO | Concentration |
|----------------------------|-----------|-----------|---------------|
| 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**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment and precautions for fire-fighters

Wear a self-contained breathing apparatus, if necessary. Exercise caution when fighting any chemical fire.

6. ACCIDENTAL RELEASE MEASURES**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

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

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

| | | |
|-------------------------------|---|-------------------------------------|
| Appearance | : | Pale yellow to pale amber liquid. |
| Odor | : | Characteristic sweet cinnamon odor. |
| Melting Point/Freezing Point | : | No data available. |
| Initial b.p and boiling range | : | 266 °C @ 1.013 hPa |
| Flash point | : | 91.67°C |
| Relative density | : | 1.050 to 1.070 @ 20 °C |
| Solubility (ies) | : | Insoluble in water. |
| Refractive index | : | 1.600 to 1.614 @ 20 °C |

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

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.

Incompatible materials

No data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD₅₀ Oral: Rat - 2,800 mg/kg

LD₅₀ Dermal: Rabbit - 320 mg/kg

Carcinogenicity

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

Chronic toxicity

May cause allergic reactions on skin.

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

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

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

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

III

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

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

Revision date : April 21,2022

Disclaimer & Caution

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