

**SAFETY DATA SHEET (SDS)**

Version 2.0

Revision Date : April 26, 2017

Print Date : April 27, 2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Cassia Essential Oil
Botanical name	:	Cinnamomum cassia
Synonyms	:	Chinese Cinnamon
INCI name	:	Cinnamomum cassia Leaf Oil
CAS #	:	8007-80-5
Country of Origin	:	China
Product use	:	Domestic and Industrial
Supplier	:	Canwax
Address	:	114 Lindgren Rd. W Unit 1B Huntsville, ON P1H 1Y2
Fax	:	
Telephone number	:	705-789-1002
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION**Emergency Overview****WHMIS Classification**

B3	Combustible Liquid
D1A	Very Toxic Material at concentration greater than or equal to 1 % (Oral toxicity)
D1B	Toxic Material at concentration greater than or equal to 1 % (Dermal toxicity)
E	Corrosive Material

GHS Classification

Flammable Liquids (Category 4)
 Acute toxicity, Oral (Category 5)
 Acute toxicity, Dermal (Category 3)
 Skin Irritation (Category 2)
 Eye Irritation (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.
- H319 Causes serious eye irritation.

Precautionary statement(s)

- P280 Wear protective gloves/ protective clothing.
- P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
- P302, 352 IF ON SKIN: Wash with plenty of soap and water.
- P313, 333, 337 If eye or skin irritation persists: get medical advice/attention.
- P305, 338, 351 IF IN EYES: Rinse cautiously with water for several minutes.
- Remove contact lenses, if present and easy to do. Continue rinsing.

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

Product Name	CAS NO	EC NO	Concentration
Cinnamic aldehyde			85%

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

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

Unsuitable extinguishing media Do not use 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.

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low 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

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Air sensitive.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Use mechanical exhaust or laboratory fume hood to avoid exposure. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique, without touching glove outer surface, to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow to pale amber liquid.
Odor	:	Characteristic sweet cinnamon odor.
Initial b.p and boiling range	:	266 °C at 1.013 hPa
Flash point	:	91 °C
Relative density	:	1.052 – 1.070 @ 20°C
Solubility (ies)	:	Soluble in upto three volumes of 70% ethanol. Insoluble in water.
Refractive index	:	1.600 – 1.614 @ 20°C

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid air; also sparks, flame and other heat sources.

Incompatible materials Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - rat - 2.800 mg/kg

LD50 Dermal - rabbit - 320 mg/kg

Mutagenicity Not available.

Respiratory or skin sensitization Not available.

Inhalation

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, dizziness, headache, nausea, and

Skin contact

Causes skin irritation. Toxic in contact with skin. Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact

Causes serious eye irritation. Possible irritation should be prevented by wearing safety glasses.

Ingestion

May be harmful if swallowed. Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid any pollution of ground, surface or underground water.

Persistence and degradability 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 liquids, organic, n.o.s. (Cassia oil)

Transport hazard class

6.1

Packing group

III

US DOT Shipping Description (Land)

2810

Proper shipping name

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

Class

6.1

Packaging group

III

IMO-IMDG Shipping Description (Sea)

2810

Proper shipping name

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

Class

6.1

Packaging group

III

IMDG-Marine pollution No.**IATA Shipping Description (Air)**

2810

Proper shipping name

Toxic liquids, 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**WHMIS Classification**

B3, D1B, D1B, E

GHS Hazard Statements See
section 2.

GHS Precautionary Statements See
section 2.

16. OTHER INFORMATION

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