
1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Cinnamon Bark Essential Oil (Madagascar)

Botanical name : Cinnamomum zeylanicum

FEMA : 2291

INCI name : Cinnamomun zeylanicum Bark Oil

CAS # : 8015-91-6

Country of Origin : Madagascar

EINECS # : 283-479-0

Product use : Domestic and Industrial

Supplier : Essential Depot, Inc.

Address : 4605 Oak Circle, Sebring, FL 33870

Fax :

Telephone number : 866-840-2495

Emergency phone number : 863-658-4398 Monday-Friday 9am-6pm

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 Re
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.
.	Remove contact lenses, if present and easy to do. Continue rinsing.
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

Product Name	CAS NO	EC NO	Concentration
Cinnamaldehyde	104-55-2		45 -75%
Cinnamyl acetate	103-54-8		Less than 10%
Beta caryophyllene	87-44-5		Less than 10%
Para cymene	99-87-6		Less than 5%
Eugenol	97-53-0		4 - 6%
Linalool	78-70-6		2 - 4%
Benzyl benzoate	120-51-4		1 - 3%
Limonene	138-86-3		Less than 2%
Camphene	79-92-5		Less than 1%
Safrole	94-59-7		0.1 - 0.5%
Terpinolene	586-62-9		Less than 0.5%

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.

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

Disclaimer & Caution:

The information contained in Material Safety Data Sheet is obtained from current and reliable sources. The information contained herein is true and to the best of ESSENTIAL DEPOT, INC., knowledge. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulation. Final determination of the suitability of the material is the sole responsibility of the user. Customers should purchase products from ESSENTIAL DEPOT, INC., with the clear understanding that all products must be used at the customers own discretion and only after referencing Material Safety data Sheets(MSDS) and all other relevant technical information specific to the product. ESSENTIAL DEPOT, INC., shall not be held responsible for any damages to the property or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge or the improper use of a product. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As with any manufacturing process. ESSENTIAL DEPOT, INC., strongly recommends small lab scale testing for evaluation purposes prior to full commercial manufacturing. The information on the ESSENTIAL DEPOT, INC., website is obtained from current and reliable sources but

makes no representation as to its comprehensiveness or accuracy. Nothing contained herein should be considered as a recommendation by **ESSENTIAL DEPOT, INC.**, as to the fitness for any use. As the ordinary or otherwise use(s) of this product is outside the control of **ESSENTIAL DEPOT, INC.**, no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury) , or the results obtained. The liability of **ESSENTIAL DEPOT, INC.**, is limited to the value of the goods and does not include any consequential loss. **ESSENTIAL DEPOT, INC.**, shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.