

Material Safety Data Sheet

**24 HOUR EMERGENCY NUMBER:
(800) 222-1222 POISON CONTROL**

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Cinnamon Essential Oil
CAS #: 8015-91-6
EINECS #: 283-479-0

SECTION 1.2 COMPANY INFORMATION

Company: Nature's Fusions
Address: 57 N 1380 W, Orem, UT, 84057
Telephone No: 801-872-9500

SECTION 2.1 HAZARDS CLASSIFICATION

GHS-US Classification: Flammable Liquid 4
Skin Corrosion/Irritation 2
Eye Damage/Irritation 2
Sensitization - Skin 1
Target Organ Toxicity - single 3

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word: Warning
Hazard Pictograms:



Hazard Statement: H227 Combustible liquid.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary Statement: P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash hands, forearms and face thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 If on skin: Wash with plenty of water.
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
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 or doctor if you feel unwell.

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P321 Specific treatment (see supplemental first aid instruction on this label)
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use media other than water to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 2.3 OTHER HAZARDS IDENTIFICATION

Other Hazards: No additional information available.

SECTION 3. COMPOSITION

Product Name	CAS #	EC #	Concentration
Cinnamon Bark Zeylanicum	8015-91-6	283-479-0	100%

SECTION 4.1 NECESSARY FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Inhalation:	If inhaled, removed to fresh air. Get medical attention if symptoms appear.
Ingestion:	Do not induce vomiting. Seek medical attention or contact local poison control center.
Skin Contact:	Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

SECTION 4.2 SYMPTOMS

Eye Contact:	No additional information available.
Inhalation:	No additional information available.
Ingestion:	No additional information available.
Skin Contact:	No additional information available.

SECTION 4.3 OTHER FIRST AID MEASURES

Medical Attention/Special Treatment:	Treat symptomatically.
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SECTION 5.1 EXTINGUISHING

Suitable Extinguishing media:	CO2. Foam. Dry Powder.
Unsuitable Extinguishing media:	Water.

SECTION 5.2 SPECIAL HAZARDS

Special Hazards Arising from Chemical:	No additional information available.
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SECTION 5.3 FIRE FIGHTING MEASURES

Firefighter Instructions:	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Protection during firefighting:	No additional information available.

SECTION 6.1 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Equip clean crew with proper protection. Respiratory protection equipment may be necessary.
Protective equipment:	No additional information available.
Environmental Precautions:	Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

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Methods and Material for
Cleaning Up:

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

SECTION 7.1 PRECAUTIONS FOR HANDLING

Precautions for 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.

SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage:

Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. Keep container closed when not in use.

SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

PEL, ACGIH, TLV exposure
limit:

No additional information available.

Appropriate engineering
controls:

Showers. Eyewash stations. Ventilation system.

SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

Eye/Face Protection:

Tight sealing safety goggles.

Hand Protection:

Wear protective gloves.

Skin and Body Protection:

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory Protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental Exposure
Control:

No additional information available.

SECTION 8.3 ADDITIONAL INFORMATION

Other:

Odor is inadequate to warn of overexposure.

SECTION 9.1 PHYSICAL PROPERTIES

Appearance:

Clear, yellow to brownish liquid.

Odor:

Middle note of strong aroma, it has a warm spicy scent between that of clove and cinnamon, with sharper notes.

Odor Threshold:

No data available.

Physical State:

Liquid.

SECTION 9.2 CHEMICAL PROPERTIES

pH:

No data available.

Melting Point/Freezing Point:

No data available.

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Boiling Point:	No data available.
Flash Point:	> 100° C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Explosive limits:	No data available.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
Specific Gravity:	0.975 - 1.053 @ 20° C (68° F)
Solubility:	No data available.
Partition coefficient: (n-octanol/water)	No data available.
Autoignition Temp:	No data available.
Decomposition Temp:	No data available.
Viscosity:	No data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No additional information available.
Chemical Stability:	No additional information available.
Hazardous Reactions:	No additional information available.
Incompatible Materials:	No additional information available.
Hazardous Combustion or Decomposition Products:	No dangerous decomposition products known.

SECTION 11.1 ROUTES OF EXPOSURE

Inhalation:	Refer to section 4.2
Skin Contact:	Irritant to skin and mucous membranes.
Eye Contact:	No irritating effect.
Ingestion:	Refer to section 4.2

SECTION 11.2 RELATED SYMPTOMS

Inhalation:	Refer to section 4.2
Skin Contact:	Refer to section 4.2
Eye Contact:	Refer to section 4.2
Ingestion:	Refer to section 4.2

SECTION 11.3 OTHER TOXICOLOGICAL INFORMATION

Delayed/Chronic Effects:	May cause allergic reactions on skin, may result in difficulty breathing.
Toxicity:	Acute Oral Toxicity [Rat]: LD50 3,800 mg/kg Acute Dermal Toxicity [Rabbit]: 700 mg/kg
Carcinogenic:	Not Carcinogenic.

SECTION 12.1 ECOLOGICAL INFORMATION

Eco-toxicity:	No additional information available.
Persistence and Degradability:	No additional information available.
Bio-accumulative:	No additional information available.
Mobility in Soil:	No additional information available.

SECTION 12.2 OTHER ECOLOGICAL INFORMATION

Other Adverse Effects:	Water hazard class 2: hazardous for water. Do not allow product to reach ground water, water course or sewage water. Danger to drinking water if even small quantities leak into the ground.
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SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method:	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Contaminated Packaging Disposal Method:	Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

DOT Shipping (Land):	Regulated
IATA Shipping (Air):	Regulated
IMDG Shipping (Boat):	Regulated
Proper Shipping Name:	Toxic, liquids, organic, N.O.S.
UN #:	2810
Hazard Class:	6.1
Packaging Group:	III

SECTION 15. REGULATORY INFORMATION

US Federal Regulations:	Listed on the United States TSCA (Toxic Substances Control Act) inventory
International Regulations:	Listed on the Canadian DSL (Domestic Substances List)

SECTION 16. OTHER INFORMATION

Health Hazard (HMIS):	2 Moderate Hazard
Flammability Hazard (HMIS):	1 Slight Hazard
Physical Hazard (HMIS):	0 Minimal Hazard
Sara 313:	None
California Proposition 65:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm per the Safe Drinking Water and Enforcement Act of 1986.

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