



LIBERTY NATURAL PRODUCTS, INC.

*The Source for the Finest
Pure and Natural Botanical Oils and Extracts*

libertynatural.com

Section 1. Product and Company Identification

Product Name:	Cassia
Product Code:	20
Description:	Essential Oil of Cassia
Product Use:	Industrial
Manufacturer:	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
Emergency Phone:	Liberty Natural Products: (800) 289-8427

Section 2. Hazards Identification

Category:	H226 Flammable liquid and vapor.
Signal Word:	Danger
Ingestion:	H303 May be harmful if swallowed.
Health Risks:	N/A
Eye Contact:	H319 Causes serious eye irritation.
Skin Contact:	H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction.
Environmental:	H401 Toxic to aquatic life

Pictograms:



PRECAUTIONARY STATEMENT:

P210 Keep away from heat, sparks, open flames or hot surfaces. - No smoking.
P261 Avoid breathing dust, fume, gas, mist, vapors, 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.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P312 Call a POISON CENTER or doctor if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice.
P362 Take off contaminated clothing and wash before reuse.
P403+P235 Store in well-ventilated place. Keep cool.

Section 3. Composition and Information on Ingredients

Chemical Name:	<i>Cinnamomum cassia</i>
Physical State:	Liquid.

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CAS#: 8007-80-5
Impurities: None.
Trade Secret Claim: None.

Section 4. First Aid Measures

Eyes: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Skin Contact: Remove contaminated cloths immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

Inhalation: Supply fresh air. In case of unconsciousness place patient stably in side position for transportation.

Ingestion in excess: Drink copious amounts of water and provide fresh air. Immediately call a doctor. Do NOT induce vomiting.

Emergency Care: Contact local emergency provider. For non-emergency, contact primary care provider.

PPE: Gloves, lab coat or uniform, safety glasses, eyewash, safety shower.

Section 5. Fire-Fighting Measures

Flammability: Non-flammable

Extinguishing Media: SUITABLE: CO₂, sand, extinguishing powder
NON SUITABLE: Water.

Special Fire-Fighting Procedure: Do not use direct water jet on burning material.

Unusual Fire and Explosion Hazards: Essential and vegetable oils have the potential to self-heat and contribute to spontaneous combustion when present on fabrics. Caution should be exercised in the storage and launder of fabrics exposed to oils.

PPE and Precautions for Firefighters: Protect skin and eyes

Section 6. Accidental Release Measures

Personal Precautions: Follow company emergency procedures. Wear protective equipment and keep unprotected persons away. Keep away from ignition sources. Ensure area is well ventilated and avoid contact with eyes and mucous.

Environmental Precautions: Do not dispose in sewer or in any natural environment.

Containment: Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas.

Clean Up: Disposal must be made according to official regulations. Recover in a tightly sealed container. Wash with plenty of water after complete elimination of the product.

Section 7. Handling and Storage

Handling Precautions: Ensure good ventilation/exhaustion at the workplace. Keep container closed after using.

Storage Precautions: Store shielded from the air, from sunlight, in stable and moderate temperature, in closed, dry container. Avoid humidity, keep container closed after using.

Other: See Section 8

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Section 8. Exposure Controls/Personal Protection

Engineering Controls:	Keep away from foodstuffs, beverages and feed. Avoid contact with the eyes. Provide an extraction or global ventilation of the work place to reduce concentrations of the steams.
Respiratory Protection:	Assure a good ventilation of work place. Use suitable respiratory protective device in case of insufficient ventilation.
Hand Protection:	Plastic or synthetic rubber impermeable gloves
Eye Protection:	Goggles give complete protection to eyes. Keep eyewash bottle with clean water handy.
Skin and Body Protection:	Clothes for chemical protection to avoid contact.
Ingestion:	Do not eat, drink and smoke while using.
Industrial Hygiene:	Follow your company policy.
OSHA Permissible Exposure Limits (PELs):	N/A
ACGIH Threshold Limit Values:	N/A

Section 9. Physical and Chemical Properties

Appearance:	Pale yellow to dark yellow or brownish yellow
Upper/Lower Flammability:	N/A
Odor:	Woody, sweet, cinnamon, spicy
Vapor Pressure:	N/A
Odor Threshold:	N/A
Vapor Density:	N/A
pH:	N/A
Relative Density:	N/A
Melting Point:	N/A
Freezing Point:	N/A
Solubility:	Insoluble
Initial Boiling Point and Boiling Range:	510.8°F / 266°C
Flash Point:	212°F / 100°C
Evaporation Rate:	N/A
Flammability Category:	N/A
Partition Coefficient:	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	N/A
Specific Gravity:	N/A

Section 10. Stability and Reactivity

Stability:	Stable under normal circumstances. Avoid heat and ignition sources.
Avoid:	Excessive heat, strong oxidizing and reducing agents.
Incompatibility:	N/A
Hazardous Byproducts:	N/A
Other:	Do not expose to high temperature or ignition sources.

Section 11. Toxicological Information

Toxicological and Health Effects: Serious eye damage/eye irritation. Can be noxious.

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Likely Routes of Exposure:	Eyes, nose, mouth, skin.
Signs and Symptoms of Exposure:	May be irritating to skin. May be irritating to eyes.
LD50 median lethal dose:	(oral) 2,630 mg/kg (dermal) 1,260 mg/kg
Listed NTP Carcinogen:	N/A
INGESTION:	N/A

Section 12. Ecological Information

TOXICITY:	Adopt good working practices, so that the product is not released into the environment.
PERSISTENCE / DEGRADABILITY:	No information available.
BIOACCUMULATION POTENTIAL:	No information available.
RESULTS OF PBT AND vPvB ASSESSMENT:	No information available.
MOBILITY IN SOIL:	Do not allow product to reach ground water, water course or sewage system.
OTHER ADVERSE EFFECTS:	N/A

Section 13. Disposal Considerations

Disposal Containers:	Packaging must be well emptied and clean prior to throwing out or recycling.
Waste Disposal:	N/A
Special Considerations:	Must be specially treated adhering to official regulations.

Section 14. Transport Information

UN Number:	N/A
UN Shipping Name:	N/A
Transport Hazard Class:	N/A
Packing Group Number:	N/A
Stowage and Handling:	N/A

Section 15. Regulatory Information

Product Regulations:	N/A
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Section 16. Other Information

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This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.

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