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LIBERTY NATURAL PRODUCTS, INC.

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

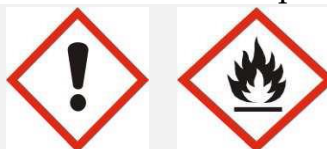
Section 1. Product and Company Identification

Product Name:	Ravintsara
Product Code:	1659
Description:	Essential Oil of Ravintsara
Product Use:	Industrial
Manufacturer:	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
Emergency Phone:	USA, Canada, Mexico: 1-800-535-5053 International: 1-352-323-3500

Section 2. Hazards Identification

Category:	H226 Flammable liquid and vapor.
Signal Word:	Warning
Ingestion:	H305 May be harmful if swallowed and enters airways.
Health Risks:	N/A
Eye Contact:	H319 Causes serious eye irritation.
Skin Contact:	H315 Causes skin irritation.
Environmental:	H411 Harmful to aquatic life with long-lasting effects.

Pictograms:



PRECAUTIONARY STATEMENT:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302/352 IF ON SKIN: Wash with plenty of soap and water.

P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container according to regulation in force.

Section 3. Composition and Information on Ingredients

Chemical Name:	<i>Cinnamomum Camphora</i>
Physical State:	Liquid.
CAS#	92201-50-8

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Impurities:	None.
Trade Secret Claim:	None.

Section 4. First Aid Measures

Eyes:	Remove contact lenses if applicable. Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention.
Skin Contact:	Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists.
Inhalation:	Avoid gross inhalation of fumes. Remove to fresh air and seek medical attention if needed.
Ingestion in excess:	Do not induce vomiting. Rinse mouth with water. Contact poison control center or seek medical attention immediately.
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:	Flammable.
Extinguishing Media:	SUITABLE: CO ₂ , foam, extinguishing powder NON SUITABLE: Water.
Special Fire-Fighting Procedure:	Do not use direct water jet on burning material. Fire fighters should wear positive pressure self-contained breathing apparatus. Cool containers exposed to flame with water spray. Spray extinguishing media directly onto base of fire.
Unusual Fire and Explosion Hazards:	Essential and vegetable oils have the potential to self-heat and contribute to spontaneous combustion when resented on fabrics. Caution should be exercised in the storage and laundry of fabrics exposed to oils. Carbon oxides are produced upon combustion.
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.

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Section 7. Handling and Storage

Handling Precautions:	Follow good industrial practice as to good housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes. Wear eye protection, gloves and aprons. Ventilate area well.
Storage Precautions:	Store in an area that is cool, dry and well-ventilated.
Other:	See Section 8

Section 8. Exposure Controls/Personal Protection

Engineering Controls:	Keep away from foodstuffs, beverages and feed. Avoid contact with the eyes.
Respiratory Protection:	Assure a good ventilation of work place. Avoid casual breathing of vapors.
Hand Protection:	Plastic or synthetic rubber impermeable gloves
Eye Protection:	Wear safety glasses. 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:	Clear, colorless to slight yellow/green liquid oil
Upper/Lower Flammability:	N/A
Odor:	Camphoraceous
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:	N/A
Initial Boiling Point and Boiling Range:	N/A
Flash Point:	122°F / 50°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:	0.90 - 0.92 at 20°C

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Section 10. Stability and Reactivity

Stability:	Stable under normal circumstances. Avoid heat and ignition sources.
Avoid:	Excessive heat, sources of ignition, strong acids alkali or oxidizing agents.
Incompatibility:	Undetermined
Hazardous Byproducts:	Carbon monoxide and unidentified organic compounds may be formed during combustion.
Other:	None

Section 11. Toxicological Information

Toxicological and Health Effects:	Not available
Likely Routes of Exposure:	Eyes, nose, mouth, skin.
Signs and Symptoms of Exposure:	Can cause skin irritation, eye irritation/damage,.
LD50 (median lethal dose):	Not available.
Listed NTP Carcinogen:	N/A
INGESTION:	N/A

Section 12. Ecological Information

TOXICITY:	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
PERSISTENCE / DEGRADABILITY:	No information available.
BIOACCUMULATION POTENTIAL:	No information available.
RESULTS OF PBT AND vPvB ASSESSMENT:	No information available.
MOBILITY IN SOIL:	Don't allow product to reach ground water, water course or sewage system.
OTHER ADVERSE EFFECTS:	N/A

Section 13. Disposal Considerations

Disposal Containers:	To comply with the regulations and prefectural orders in use. Throwing out forbidden. Packaging must be well emptied.
Waste Disposal:	N/A
Special Considerations:	Must be specially treated adhering to official regulations.

Section 14. Transport Information

UN Number:	UN 1169
UN Shipping Name:	Extracts, Aromatic, Liquid
Transport Hazard Class:	3
Packing Group Number:	III
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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