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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:	Cilantro
Product Code:	916
Description:	Essential Oil of Cilantro
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:	N/A
Health Risks:	N/A
Eye Contact:	H319 Causes serious eye irritation.
Skin Contact:	H315 Causes skin irritation. H317 May cause allergic skin reaction.
Environmental:	H411 Toxic to aquatic life with long-lasting effects.

Pictograms:



PRECAUTIONARY STATEMENT:

- P102 Keep out of the reach of children.
- P262 Do not get in eyes, on skin, or on clothing. Clothing/eye protection/face protection.
- P264 Wash thoroughly after handling
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P305 + 338 + 351 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if necessary and easy to do – continue rinsing.
- P301 + 310 IF SWALLOWED: Immediately call a POISON CENTER or doctor
- P302 + 352 +332 IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.
- P391 Collect spillage.

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Section 3. Composition and Information on Ingredients

Chemical Name:	<i>Coriandrum sativum</i>
Physical State:	Liquid.
CAS #:	84775-50-8
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:	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. Remove contaminated cloths.
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:	Flammable.
Extinguishing Media:	SUITABLE: CO ₂ , sand, extinguishing powder NON SUITABLE: Water.
Special Fire-Fighting Procedure:	Do not use direct water jet on burning material. Use respiratory protective devices when necessary.
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. Ensure adequate ventilation. Do not allow to enter sewers/surface or ground water.
Containment:	Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas.

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Clean Up: Disposal of soiled material must be made according to official regulations. Recover in a tightly sealed container.

Section 7. Handling and Storage

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

Storage Precautions: Keep receptacle tightly sealed. Store in cool, dry conditions in well-sealed receptacles. Keep out of the reach of children.

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. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air. In case of fire and/or explosion do not breathe fumes.

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: Colorless to pale yellow

Upper/Lower Flammability: N/A

Odor: Fresh, herbaceous, cilantro-like

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: N/A

Flash Point: 165.2°F / 74°C

Evaporation Rate: N/A

Flammability Category: N/A

Partition Coefficient: N/A

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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, ignition sources, incompatible materials.
Incompatibility:	Oxidizing agents.
Hazardous Byproducts:	When exposed to high temperatures, the substance may release hazardous decomposition products, such as carbon monoxide, carbon dioxide, fumes, and nitrogen oxide.
Other:	Do not expose to high temperature. Do not expose closed bowls to sunlight beams. Do not expose to ignition.

Section 11. Toxicological Information

Toxicological and Health Effects:	No information
Likely Routes of Exposure:	Eyes, nose, mouth, skin.
Signs and Symptoms of Exposure:	Breathing high concentrations of vapor may cause anesthetic effects. May be irritating to skin. May be irritating to eyes.
LD50 median lethal dose:	N/A
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:	No information available.
OTHER ADVERSE EFFECTS:	N/A

Section 13. Disposal Considerations

Disposal Containers:	Use appropriate container to avoid environmental contamination. Dispose of container to hazardous waste or special waste collection point.
Waste Disposal:	This material must be disposed of as hazardous waste. Do not empty into drains. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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Special Considerations: Must be specially treated adhering to official regulations.

Section 14. Transport Information

UN Number: UN 3082

UN Shipping Name: Environmentally hazardous substance, liquid, n.o.s.

Transport Hazard Class: 9

Packing Group Number: III

Stowage and Handling: N/A

Section 15. Regulatory Information

Product Regulations: N/A

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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