



LIBERTY NATURAL PRODUCTS, INC.

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

Section 1. Product and Company Identification

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| Product Name: | ORGANIC CURRY LEAF INDIA |
| Product Code: | 1915 |
| Description: | Essential Oil |
| 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

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|-----------------------|--|
| Category: | H227 Combustible liquid. |
| Signal Word: | Warning |
| Ingestion: | H304 May be fatal if swallowed and enters airways. |
| Health Risks: | N/A |
| Eye Contact: | H320 Causes eye irritation |
| Skin Contact: | H315 Causes skin irritation. H317 May cause an allergic skin reaction. |
| Environmental: | H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long-lasting effects. |

Pictograms:



PRECAUTIONARY STATEMENT:

- P210 Keep away from heat, sparks, open flames or hot surfaces. – No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, lighting, communication, equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
- P264 Wash parts in contact thoroughly after handling.
- 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.

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Section 3. Composition and Information on Ingredients

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|----------------------------|-------------------------|
| Chemical Name: | <i>Murraya Koenigii</i> |
| Physical State: | Liquid. |
| CAS #: | 876068-15-4 |
| Impurities: | None. |
| Trade Secret Claim: | None. |

Section 4. First Aid Measures

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| Eyes: | Rinse immediately with plenty of water for 10 minute at least. Contact a physician if symptoms persist. |
| Skin Contact: | Wash thoroughly with soap and water, flush with plenty of water. Take of spoilt clothes. Contact physician if symptoms persist. |
| Inhalation: | Remove from exposure site to fresh air and keep at rest. Obtain medical advice. |
| Ingestion in excess: | Wash the mouth with water, seek medical advice 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

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| Flammability: | Flammable. |
| Extinguishing Media: | SUITABLE: CO ₂ , sand, extinguishing powder. NON SUITABLE: Water. |
| Special Fire-Fighting Procedure: | Closed containers may build up pressure at elevated temperatures. If possible, containers should be closed with a water spray. |
| 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: | Firemen must wear self-contained breathing apparatus. |

Section 6. Accidental Release Measures

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| Personal Precautions: | Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources. Prevent any contact with hot surfaces. Do not approach facing the wind. |
| Environmental Precautions: | Keep away from drains, surface and groundwater and soil. |
| Containment: | Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas. |

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Clean Up: Sweep up and remove absorbent material to approved disposal.

Section 7. Handling and Storage

Handling Precautions: Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

Storage Precautions: Store in cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Keep air contact to a minimum. Keep away from ignition sources and naked flame.

Other: See Section 8

Section 8. Exposure Controls/Personal Protection

Engineering Controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

Respiratory Protection: Assure a good ventilation of work place.

Hand Protection: Avoid skin contact. Use chemical resistant gloves as needed. Wash hands with soap and water after handling.

Eye Protection: Use safety glasses.

Skin and Body Protection: Clothes for chemical protection to avoid contact.

Ingestion: Do not eat, drink and smoke while using.

Industrial Hygiene: Provide ventilation of the work place to reduce concentrations of the vapor and product.

OSHA Permissible Exposure Limits (PELs): N/A

ACGIH Threshold Limit Values: N/A

Section 9. Physical and Chemical Properties

Appearance: Colorless to yellow liquid

Upper/Lower Flammability: N/A

Odor: Unique, spicy, herbal, deep and rich fragrance

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: >100 °C /212 °F

Evaporation Rate: N/A

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| | |
|-----------------------------------|-----|
| 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

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| Stability: | It presents no significant reactivity hazards by itself or in contact with water. |
| Avoid: | Heat, flames, sparks and sources of ignition. |
| Incompatibility: | Strong acids, alkali or oxidizing agents. |
| Hazardous Byproducts: | None in normal conditions. Carbon monoxide and unidentified organic compounds may be formed during combustion. |
| Other: | None |

Section 11. Toxicological Information

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| Toxicological and Health Effects: | Can be noxious. |
| Likely Routes of Exposure: | Eyes, nose, mouth, skin. |
| Signs and Symptoms of Exposure: | See Section 2. Hazards Identification. |
| LD50 (median lethal dose): | N/A |
| Listed NTP Carcinogen: | No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. |
| INGESTION: | N/A |

Section 12. Ecological Information

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| TOXICITY: | See Section 2 |
| PERSISTENCE / DEGRADABILITY: | No information available. |
| BIOACCUMULATION POTENTIAL: | May cause long lasting harmful effects to aquatic life. |
| RESULTS OF PBT AND vPvB ASSESSMENT: | No information available. |
| MOBILITY IN SOIL: | No information available. |
| OTHER ADVERSE EFFECTS: | Not known. |

Section 13. Disposal Considerations

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| Disposal Containers: | Vapors may collect in empty containers. Rinse or evaporate thoroughly. |
| Waste Disposal: | Avoid disposing into drainage systems and into the environment. |
| Special Considerations: | Dispose of spill containment material in accordance with Federal, State, and local laws. |

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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

Section 16. Other Information

Last Revised: 6/26/19 Initial of Author: SRS

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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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