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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

<b>Product Name:</b>	Lantana
<b>Product Code:</b>	1660
<b>Description:</b>	Essential Oil of Lantana
<b>Product Use:</b>	Cosmetic and Manufacturing
<b>Manufacturer:</b>	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
<b>Emergency Phone:</b>	USA, Canada, Mexico: 1-800-535-5053 International: 1-352-323-3500

## Section 2. Hazards Identification

<b>Category:</b>	H226 Flammable liquid and vapor.
<b>Signal Word:</b>	Danger
<b>Ingestion:</b>	H304 May be fatal if swallowed and enters airways.
<b>Health Risks:</b>	N/A
<b>Eye Contact:</b>	N/A
<b>Skin Contact:</b>	H317 May cause an allergic skin reaction.
<b>Environmental:</b>	H411 Toxic to aquatic life with long-lasting effects.
<b>Pictograms:</b>	

### PRECAUTIONARY STATEMENT:

- P273 Avoid release to the environment.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P331 Do NOT induce vomiting.
- P332 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
- P405 Store locked up.
- P501 Dispose of contents/ container to an approved waste disposal plant.

## Section 3. Composition and Information on Ingredients

<b>Chemical Name:</b>	<i>Lantana camera</i>
<b>Physical State:</b>	Liquid.
<b>CAS #:</b>	90046-17-6

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**Impurities:** None.  
**Trade Secret Claim:** None.

#### Section 4. First Aid Measures

**Eyes:** Rinse immediately with plenty of running water (minimum 2 liters), opening the eyes wide under the tap. If possible, lift the upper eyelid and rinse. If contact lenses are worn, remove if possible. If irritation persists or if skin lesions of any kind appear, consult an eye specialist, taking the product with you.

**Skin Contact:** Rinse with plenty of water and change clothing if necessary. If irritation persists or if skin lesions of any kind appear, seek medical advice.

**Inhalation:** Remove victim to fresh air. Keep them warm and allow them to rest quietly. If harmful effects persist or worsen, call a doctor. If patient is unconscious, place them in the lateral recovery position and call a doctor immediately. Make sure the area is well ventilated.

**Ingestion in excess:** Rinse mouth with water. Remove victim to fresh air and allow to rest. Do NOT induce vomiting unless otherwise directed by a medical professional. If harmful effects persist or worsen, call a doctor.

**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<sub>2</sub>, foam, dry chemical.  
NON SUITABLE: Water.

**Special Fire-Fighting Procedure:** Do not allow firefighting water to enter drains or water courses. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

**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:** May produce toxic fumes of carbon monoxide if burning.

#### Section 6. Accidental Release Measures

**Personal Precautions:** Avoid all contact with eyes and mucous membranes by wearing goggles, protective clothing, vapor respirator, boots,

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gloves, and or self-contained breathing apparatus. Remove all sources of possible ignition. Ventilate area. Do not smoke.

**Environmental Precautions:** Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it properly. Dispose of contaminated materials in accordance with local, state and national regulation.

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

**Clean Up:** Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Place in appropriate containers for disposal. Ventilate affected area.

## Section 7. Handling and Storage

**Handling Precautions:** Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Wash hands before breaks and after work. Keep away from food, drink and animals. When using do not smoke, eat or drink. Use an appropriate container to avoid contaminating the surrounding environment.

**Storage Precautions:** Store in sealed container, keep container closed after using recommended storage temperature: 15 - 25 °C.

**Other:** See Section 8

## Section 8. Exposure Controls/Personal Protection

**Engineering Controls:** Technical measures and the application of suitable work processes have priority over personal protection equipment.

**Respiratory Protection:** Ensure good ventilation, in case of insufficient ventilation, where a chemical respirator.

**Hand Protection:** Plastic or synthetic rubber impermeable gloves. Use solvent and acid resistant protection gloves.

**Eye Protection:** Safety glasses or goggle should be worn.

**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. Use good industrial hygiene practices.

**OSHA Permissible Exposure Limits (PELs):** No specific exposure limits

**ACGIH Threshold Limit Values:** N/A

## Section 9. Physical and Chemical Properties

**Appearance:** Pale yellow to dark yellow liquid

**Upper/Lower Flammability:** N/A

**Odor:** Sweet, spicy

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<b>Vapor Pressure:</b>	N/A
<b>Odor Threshold:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>pH:</b>	N/A
<b>Relative Density:</b>	0.893 – 0.915 at 20°C
<b>Melting Point:</b>	N/A
<b>Freezing Point:</b>	N/A
<b>Solubility:</b>	Insoluble
<b>Initial Boiling Point and Boiling Range:</b>	N/A
<b>Flash Point:</b>	150.8°F / 66°C
<b>Evaporation Rate:</b>	N/A
<b>Flammability Category:</b>	N/A
<b>Partition Coefficient:</b>	N/A
<b>Auto-ignition Temperature:</b>	N/A
<b>Decomposition Temperature:</b>	N/A
<b>Viscosity:</b>	N/A
<b>Specific Gravity:</b>	N/A

### Section 10. Stability and Reactivity

<b>Stability:</b>	The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Avoid:</b>	Excessive heat, direct sunlight, ignition sources.
<b>Incompatibility:</b>	Strong oxidizing or reducing agents.
<b>Hazardous Byproducts:</b>	Carbon oxides produced upon combustion.
<b>Other:</b>	Temperatures more than room temperature will produce vapors that may be explosive. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.

### Section 11. Toxicological Information

<b>Toxicological and Health Effects:</b>	Nontoxic at established levels.
<b>Likely Routes of Exposure:</b>	Eyes, nose, mouth, skin.
<b>Signs and Symptoms of Exposure:</b>	N/A
<b>LD50 (median lethal dose):</b>	N/A
<b>Listed NTP Carcinogen:</b>	Not available
<b>INGESTION:</b>	N/A

### Section 12. Ecological Information

<b>TOXICITY:</b>	Toxic to aquatic life with long lasting effects.
<b>PERSISTENCE / DEGRADABILITY:</b>	No information available.
<b>BIOACCUMULATION POTENTIAL:</b>	May cause long-term adverse effects in the aquatic environment. Marine pollutant

### RESULTS OF PBT AND vPvB

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<b>ASSESSMENT:</b>	No information available.
<b>MOBILITY IN SOIL:</b>	No information available.
<b>OTHER ADVERSE EFFECTS:</b>	No information available.

### Section 13. Disposal Considerations

<b>Disposal Containers:</b>	It is a dangerous waste; only packaging which is approved (e.g. acc. to ADR) may be used.
<b>Waste Disposal:</b>	Do not empty into drains or watercourses. Avoid release to the environment. Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company. Do not pollute the soil or water, do not dispose of waste in the environment. Empty containers completely. Do not remove labels. Use an approved waste disposal company.
<b>Special Considerations:</b>	Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

### Section 14. Transport Information

<b>UN Number:</b>	3082
<b>UN Shipping Name:</b>	Environmentally hazardous substance, liquid, n.o.s.
<b>Transport Hazard Class:</b>	9
<b>Packing Group Number:</b>	III
<b>Stowage and Handling:</b>	N/A

### Section 15. Regulatory Information

<b>Product Regulations:</b>	N/A
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### Section 16. Other Information

<b>Last Revised:</b>	1/17/2023	<b>Initial of Editor:</b> SDR
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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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