



# LIBERTY NATURAL PRODUCTS, INC.

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

libertynatural.com

## Section 1. Product and Company Identification

<b>Product Name:</b>	Citronella
<b>Product Code:</b>	22
<b>Description:</b>	Essential Oil of Citronella
<b>Product Use:</b>	Industrial
<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>	Flammable
<b>Signal Word:</b>	Warning
<b>Ingestion:</b>	N/A
<b>Health Risks:</b>	H304 May be fatal if swallowed and enters airways..
<b>Eye Contact:</b>	H318 Causes serious eye damage.
<b>Skin Contact:</b>	H315 Causes skin irritation. H317 May cause an allergic skin reaction.
<b>Environmental:</b>	H401 Toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.

### 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.
- 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.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P321 Specific treatment.
- P331 Do NOT induce vomiting.

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P332+P313 If skin irritation occurs: Get medical advice.  
P362 Take off contaminated clothing and wash before reuse.  
P370+P378 In case of fire: Use CO2 foam, dry chemical for extinction.  
P391 Collect spillage.

### Section 3. Composition and Information on Ingredients

**Chemical Name:** *Cymbopogon Nardus*  
**Physical State:** Liquid.  
**CAS#** 8000-29-1  
**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.  
**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.  
**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: CO2, sand, extinguishing powder  
NON SUITABLE: Water.  
**Special Fire-Fighting Procedure:** None  
**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:** N/A

### Section 6. Accidental Release Measures

**Personal Precautions:** Protective equipment and emergency procedures. Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources. 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 tight container. Wash with plenty of water after complete elimination of the product.

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## Section 7. Handling and Storage

<b>Handling Precautions:</b>	Ensure good ventilation/exhaustion at the workplace. Avoid contact with eyes and mucous.
<b>Storage Precautions:</b>	Keep away from humidity in a fresh place. Keep container closed after using.
<b>Other:</b>	See Section 8

## Section 8. Exposure Controls/Personal Protection

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

## Section 9. Physical and Chemical Properties

<b>Appearance:</b>	Pale yellow to brownish yellow
<b>Upper/Lower Flammability:</b>	N/A
<b>Odor:</b>	Fresh, characteristic
<b>Vapor Pressure:</b>	0.80000 mm/Hg at 25°C
<b>Odor Threshold:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>pH:</b>	N/A
<b>Relative Density:</b>	N/A
<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>	156°F / 69°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>	0.89

## Section 10. Stability and Reactivity

<b>Stability:</b>	Stable under normal circumstances. Avoid heat and ignition sources.
<b>Avoid:</b>	Excessive heat. Strongly oxidizing and reducing agents.

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<b>Incompatibility:</b>	Undetermined
<b>Hazardous Byproducts:</b>	None in normal conditions
<b>Other:</b>	None

### Section 11. Toxicological Information

<b>Toxicological and Health Effects:</b>	Aspiration hazard
<b>Likely Routes of Exposure:</b>	Eyes, nose, mouth, skin.
<b>Signs and Symptoms of Exposure:</b>	See Section 2.
<b>LD50 median lethal dose:</b>	(oral) 1,800 mg/kg
<b>Listed NTP Carcinogen:</b>	N/A
<b>INGESTION:</b>	N/A

### Section 12. Ecological Information

<b>TOXICITY:</b>	See Section 2
<b>PERSISTENCE / DEGRADABILITY:</b>	No information available.
<b>BIOACCUMULATION POTENTIAL:</b>	No information available.
<b>RESULTS OF PBT AND vPvB ASSESSMENT:</b>	No information available.
<b>MOBILITY IN SOIL:</b>	No information available.
<b>OTHER ADVERSE EFFECTS:</b>	Do not allow product to reach ground water, water course or sewage system. Harmful to aquatic organisms. The product contains materials that are harmful to the environment.

### Section 13. Disposal Considerations

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

### Section 14. Transport Information

<b>UN Number:</b>	UN 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

**Last Revised:** 1/6/2021 **Initial of Editor:** SAM

*This information is provided for documentation purposes only.*

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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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