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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:	Lemon Verbena France
Product Code:	445
Description:	Distillate water
Product Use:	Industrial
Manufacturer:	Liberty Natural Products, 20949 S Harris Rd, Oregon City, OR 97045 (800) 289-8427
Emergency Phone:	Liberty Natural Products: (800) 289-8427

Section 2. Hazards Identification

Category:	This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Signal Word:	None
Ingestion:	N/A
Health Risks:	N/A
Eye Contact:	N/A
Skin Contact:	N/A
Environmental:	N/A
Pictograms:	N/A
PRECAUTIONARY STATEMENT: N/A	

Section 3. Composition and Information on Ingredients

Chemical Name:	<i>Lippia Citriodora</i>
Physical State:	Liquid
CAS #:	8024-12-2
Impurities:	None
Trade Secret Claim:	None

Section 4. First Aid Measures

Eyes:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact:	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Inhalation:	Remove to fresh air.
Ingestion in excess:	Clean mouth with water and drink afterwards plenty of water.

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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:	Non-Flammable.
Extinguishing Media:	SUITABLE: CO ₂ , sand, extinguishing powder NON SUITABLE: Water
Special Fire-Fighting Procedure:	None
Unusual Fire and Explosion Hazards:	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
PPE and Precautions for Firefighters:	N/A

Section 6. Accidental Release Measures

Personal Precautions:	Ensure adequate ventilation, especially in confined areas.
Environmental Precautions:	Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.
Containment:	Prevent further leakage or spillage if safe to do so. 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. Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

Section 7. Handling and Storage

Handling Precautions:	Handle in a well-ventilated area. Avoid spillage and eye contact (gloves and goggles recommended). Do not eat, drink or smoke while handling.
Storage Precautions:	Keep container tightly closed in a dry and well-ventilated place. Keep refrigerated.
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. Use suitable respiratory protective device in case of insufficient ventilation.
Hand Protection:	Wear protective gloves.
Eye Protection:	Avoid contact with eyes. Wear safety glasses with side shields (or goggles).
Skin and Body Protection:	Wear suitable protective clothing.
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

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Section 9. Physical and Chemical Properties

Appearance:	Colorless to slightly yellow
Upper/Lower Flammability:	N/A
Odor:	Herbaceous, dry smell
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 in oil, soluble in water
Initial Boiling Point and Boiling Range:	N/A
Flash Point:	Not flammable
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:	N/A

Section 10. Stability and Reactivity

Stability:	Stable under normal circumstances. Avoid heat and ignition sources.
Avoid:	Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.
Incompatibility:	Will react with oxidizing agents.
Hazardous Byproducts:	On combustion may produce smoke, carbon monoxide and carbon dioxide.
Other:	None

Section 11. Toxicological Information

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

Section 12. Ecological Information

TOXICITY:	See Section 2
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.

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OTHER ADVERSE EFFECTS: 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

Disposal Containers: Vapors may collect in empty containers. Rinse or evaporate thoroughly.
Waste Disposal: N/A
Special Considerations: Must be specially treated adhering to official regulations.

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

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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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