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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:	Avocado Refined
Product Code:	99
Description:	Fixed Oil
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:	Non-hazardous. 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>Persea Gratissima</i>
Physical State:	Liquid
CAS#:	8024-32-6
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:	If skin irritation continues, consult a doctor. Immediately wash with water and soap and rinse thoroughly.
Inhalation:	Supply fresh air and to be sure call for a doctor. 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.

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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:	Flammable.
Extinguishing Media:	SUITABLE: CO ₂ , sand, extinguishing powder. NON SUITABLE: None Known

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: Firemen must wear self-contained breathing apparatus.

Section 6. Accidental Release Measures

Personal Precautions: Protective equipment and emergency procedures. Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources.

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. In case of copious pouring out, absorb the liquid with sand soil or other adequate material. Clean the contaminated area with detergent and water. If the product arrives to the sewer system, advise the firemen immediately.

Section 7. Handling and Storage

Handling Precautions: Handle in accordance with good industrial hygiene and safety practice.

Storage Precautions: Keep at a temperature not exceeding 25°C.

Other: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

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: The glove material has to be impermeable.

Eye Protection: Goggles giving complete protection to eyes. Eyewash bottle with clean water.

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

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

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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: Yellow, odorless, tasteless, liquid form

Upper/Lower Flammability: N/A

Odor: Light characteristic odor

Vapor Pressure: N/A

Odor Threshold: N/A

Vapor Density: 0.910 – 0.925 g/ml

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: 640°F / 338°C

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: Heat, flames, sparks and strong oxidizing agents.

Incompatibility: Strongly oxidizing and reducing agents.

Hazardous Byproducts: None in normal conditions

Other: None

Section 11. Toxicological Information

Toxicological and Health Effects: No data available

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

TOXICITY: See Section 2

PERSISTENCE/DEGRADABILITY: No information available.

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BIOACCUMULATION POTENTIAL:	No data available.
RESULTS OF PBT AND vPvB ASSESSMENT:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	Not known.

Section 13. Disposal Considerations

Disposal Containers:	Vapors may collect in empty containers. Rinse or evaporate thoroughly.
Waste Disposal:	Product is biodegradable.
Special Considerations:	Dispose of spill containment material in accordance with Federal, State, and local laws.

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
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Section 16. Other Information

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This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.

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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