



# 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>	Chaste Tree Berry
<b>Product Code:</b>	202
<b>Description:</b>	Essential Oil of Chaste Tree Berry
<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>	H226 Flammable liquid and vapor
<b>Signal Word:</b>	Danger
<b>Ingestion:</b>	N/A
<b>Health Risks:</b>	N/A
<b>Eye Contact:</b>	N/A
<b>Environmental:</b>	N/A
<b>Pictograms:</b>	



### PRECAUTIONARY STATEMENT:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves.

## Section 3. Composition and Information on Ingredients

<b>Chemical Name:</b>	<i>Vitex agnus-castus l</i>
<b>Physical State:</b>	Liquid.
<b>CAS#:</b>	91722-47-3
<b>Impurities:</b>	None.
<b>Trade Secret Claim:</b>	None.

## Section 4. First Aid Measures

<b>Eyes:</b>	Remove contact lenses, Flush with cool water for at least 15 minutes, get medical advice if irritation persists.
<b>Skin Contact:</b>	Remove contaminated clothes. Wash affected area with mild soap. If irritation persists obtain medical advice

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<b>Inhalation:</b>	Remove to fresh air immediately, give artificial respiration if necessary, get medical attention immediately
<b>Ingestion in excess:</b>	Rinse mouth with water. Ingest at least one pint of milk or water. Contact poison control or doctor immediately
<b>Emergency Care:</b>	Contact local emergency provider. For non-emergency, contact primary care provider.
<b>PPE:</b>	Gloves, lab coat or uniform, safety glasses, eyewash, safety shower.

### Section 5. Fire-Fighting Measures

<b>Flammability:</b>	Combustible
<b>Extinguishing Media:</b>	SUITABLE: CO2, Foam, Dry NON SUITABLE: Water.
<b>Special Fire-Fighting Procedure:</b>	None
<b>Unusual Fire and Explosion Hazards:</b>	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.
<b>PPE and Precautions for Firefighters:</b>	Firemen must wear self-contained breathing apparatus.

### Section 6. Accidental Release Measures

<b>Personal Precautions:</b>	Protective equipment and emergency procedures. Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources.
<b>Environmental Precautions:</b>	Do not dispose in sewer or in any natural environment.
<b>Containment:</b>	Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas.
<b>Clean Up:</b>	Disposal must be made according to official regulations.

### Section 7. Handling and Storage

<b>Handling Precautions:</b>	Store in cool, dry place in tightly closed receptacles. Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Handle with care.
<b>Storage Precautions:</b>	Store in sealed container, Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.
<b>Other:</b>	See Section 8

### Section 8. Exposure Controls/Personal Protection

<b>Engineering Controls:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday
<b>Respiratory Protection:</b>	Assure a good ventilation of work place.
<b>Hand Protection:</b>	The glove material has to be impermeable.
<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 ventilation of the work place to reduce concentrations of the vapor and product.

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OSHA Permissible Exposure Limits (PELs):	N/A
ACGIH Threshold Limit Values:	N/A

### Section 9. Physical and Chemical Properties

Appearance:	Colorless to pale green-yellow liquid
Upper/Lower Flammability:	N/A
Odor:	Characteristic to vitex, woody
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:	138°F / 59°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:	0.881

### Section 10. Stability and Reactivity

Stability:	Stable under normal circumstances. Avoid heat and ignition sources.
Avoid:	Heat, flames, sparks.
Incompatibility:	Strong oxidizing agents.
Hazardous Byproducts:	Reacts violently with: Oxidizing agent. Halogens. May release flammable gases
Other:	None

### Section 11. Toxicological Information

Toxicological and Health Effects:	N/A
Likely Routes of Exposure:	Eyes, nose, mouth, skin.
Signs and Symptoms of Exposure:	See Section 2. Hazards Identification.
LD50 (median lethal dose):	DL50 (mg/kg): N/A
Listed NTP Carcinogen:	No component of this product presents 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.
BIOACCUMULATION POTENTIAL:	No information available.

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<b>RESULTS OF PBT AND vPvB ASSESSMENT:</b>	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
<b>MOBILITY IN SOIL:</b>	No information available.
<b>OTHER ADVERSE EFFECTS:</b>	Not known.

### Section 13. Disposal Considerations

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

### Section 14. Transport Information

<b>UN Number</b>	UN 1197
<b>UN Shipping Name:</b>	Extracts, liquid for flavour or aroma
<b>Transport Hazard Class:</b>	3
<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>	3/6/2023	<b>Initial of Editor:</b> SDR
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*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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