



# LIBERTY NATURAL PRODUCTS, INC.

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

## Section 1. Product and Company Identification

**Product Name:** Hinoki (False Cypress)  
**Product Code:** 1976  
**Description:** Essential Oil of Hinoki  
**Product Use:** Cosmetic and Manufacturing  
**Manufacturer:** Liberty Natural Products, 20949 South Harris Rd, Oregon City, OR 97045  
(800) 289-8427  
**Emergency Phone:** USA, Canada, Mexico: 1-800-535-5053  
International: 1-352-323-3500

## Section 2. Hazards Identification

**Category:** H226 Flammable liquid and vapor  
**Signal Word:** Warning  
**Ingestion:** N/A  
**Health Risks:** N/A  
**Eye Contact:** H319 Causes serious eye irritation  
**Skin Contact:** H315 Causes skin irritation  
**Environmental:** N/A  
**Pictograms:**



### PRECAUTIONARY STATEMENT:

P262 Do not get in eyes, on skin or on clothing  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P301 + 312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
P301 + 330 + 331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P332 + 313 If skin irritation occurs: Get medical advice/attention  
P340 Remove person to fresh air and keep comfortable for breathing  
P362 Take off contaminated clothing if irritation persists.

## Section 3. Composition and Information on Ingredients

**Chemical Name:** *Chamaecyparis obtusa*  
**Physical State:** Liquid.  
**CAS #:** 91745-97-0  
**Impurities:** None.  
**Trade Secret Claim:** None.

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Substances	CAS	Content (%)
Delta-Cadinene	483-76-1	15 - 25
Gamma-Muurolol	19912-62-0	10 - 20
Alpha-Pinene	80-56-8	5 - 20
Alpha-Cadinol	481-35-5	5 - 15
Gamma-Cadinol	5937-11-1	5 - 15

#### Section 4. First Aid Measures

<b>Eyes:</b>	Irrigate the eyes with copious amounts of water for at least 15 minutes. Obtain medical advice if irritation persists or any sign of tissue damage is apparent.
<b>Skin Contact:</b>	Remove contaminated clothes. Obtain medical advice if irritation persists or any sign of tissue damage is apparent.
<b>Inhalation:</b>	Obtain medical advice immediately.
<b>Ingestion in excess:</b>	Rinse mouth with water. Do not induce vomiting. Obtain medical advice.
<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>	Flammable.
<b>Extinguishing Media:</b>	SUITABLE: CO <sub>2</sub> , foam, dry chemical. NON SUITABLE: Water.
<b>Special Fire-Fighting Procedure:</b>	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. High temperatures can lead to high pressures inside closed containers.
<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>	May produce toxic fumes of carbon monoxide if burning. Avoid inhalation of vapors that are created.

#### Section 6. Accidental Release Measures

<b>Personal Precautions:</b>	Avoid all contact with eyes and mucous membranes by wearing goggles, protective clothing, vapor respirator, boots, gloves, and or self-contained breathing apparatus.
<b>Environmental Precautions:</b>	Avoid contaminating the drainage system, surface water or ground water. Dispose of any contaminated clothes, sponges etc. In accordance with regulatory instructions in force.
<b>Containment:</b>	Absorb with clay, sand, or other non-combustible material. Prevent entry into waterways, sewers, and confined areas.

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**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:** Treat containers with respect to avoid damage. Measures should be taken to prevent materials from being splashed into the eyes or on the skin. This should include the wearing of eye shields and protective clothing. Smoking should not be permitted in areas where they are handled. To avoid fire hazards, products should not be heated with or exposed to open flames or other sources of ignition. During the introduction into the finished product ingredients should be normally maintained at relatively low temperatures.

**Storage Precautions:** Store in tightly sealed and preferably full containers in a cool, dry and ventilated location, store separately from oxidizing materials. To protect from light, store in original container and use non-permeable container and glass container.

**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:** It is not normally required in well ventilated areas. The use of an appropriate respiratory protection may be required in confined or poor ventilated areas.

**Hand Protection:** The use of nitrile gloves is recommended.

**Eye Protection:** The use of safety goggles (glasses) is generally recommended.

**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):** >480 minutes (permeation: level 6)

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

## Section 9. Physical and Chemical Properties

**Appearance:** Slightly yellow liquid

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

**Odor:** Evergreen smelling with lemony facets

**Vapor Pressure:** N/A

**Odor Threshold:** N/A

**Vapor Density:** N/A

**pH:** N/A

**Relative Density:** N/A

**Melting Point:** N/A

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<b>Freezing Point:</b>	N/A
<b>Solubility:</b>	Insoluble
<b>Initial Boiling Point and Boiling Range:</b>	N/A
<b>Flash Point:</b>	58°C / 136°F
<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>	0.857 - 0.957

### 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, open flames or other ignition sources.
<b>Incompatibility:</b>	There is no additional information.
<b>Hazardous Byproducts:</b>	Hazardous combustion products: see section 5.
<b>Other:</b>	N/A

### 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>	> 2000 mg/kg (oral)
<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
<b>RESULTS OF PBT AND vPvB ASSESSMENT:</b>	
<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. Avoid release to the environment.
<b>Special Considerations:</b>	Waste shall be separated into the categories that can be handled separately by the local or national waste

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management facilities. Please consider the relevant national or regional provisions.

#### Section 14. Transport Information

UN Number: UN1197  
UN Shipping Name: Extracts, liquid for flavour or aroma  
Transport Hazard Class: 3  
Packing Group Number: III  
Stowage and Handling: N/A

#### Section 15. Regulatory Information

Product Regulations: N/A

#### Section 16. Other Information

Last Revised: 6/27/19 Initial of Author: jv

*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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