



## Certificate of Analysis

PRODUCT DETAILS		
Product Name	HIBA WOOD OIL	
Product Code	OEHIBAWOOD	
INCI Name	Thujopsis Dolabrata Wood Oil	
Batch/Lot Number	4335001	
Best Before End	September 2021	
Identification	CAS No: 91722-39-3	EINECS No: 294-437-6
	Alternative Cas: 68917-43-1	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPEICIFICATION RANGE	RESULTS
Appearance	Liquid	Conforms
Colour	Yellow to light brown	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C	0.855 - 0.965	0.9131
Refractive Index @ 20°C	1.495 - 1.535	1.5156
Flash Point	>93°C	Conforms
Solubility	Insoluble in water. Soluble in ethanol	Conforms
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

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## SAFETY DATA SHEET HIBA WOOD OIL

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	HIBA WOOD OIL
Product number	OEHIBA
Synonyms; trade names	Thujopsis Dolabrata Wood Oil
CAS number	91722-39-3
Alternative Cas Number	68917-43-1
EC number	294-437-6

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Industrial, only for professional use
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	MADAR Corporation Limited
	19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA
	Tel. +44 1425 655555 (Opening Hours Mon - Thurs 8.30am - 5.00pm, Fri 8.30am - 3.45pm)
	e-mail sales@madarcorporation.co.uk

#### 1.4. Emergency telephone number

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Asp. Tox. 1 - H304
Environmental hazards	Not Classified

Human health May be fatal if swallowed and enters airways. May cause an allergic skin reaction.

#### 2.2. Label elements

EC number	294-437-6
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#### Hazard pictograms



## HIBA WOOD OIL

<b>Signal word</b>	Danger
<b>Hazard statements</b>	H304 May be fatal if swallowed and enters airways.
<b>Precautionary statements</b>	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P331 Do NOT induce vomiting. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>Cedrol</b> <span style="float: right;"><b>&lt;6%</b></span>
CAS number: 77-53-2 <span style="float: right;">EC number: 201-035-6</span>
<b>Classification</b> Aquatic Chronic 2 - H411
<b>Carvacrol</b> <span style="float: right;"><b>&lt;3%</b></span>
CAS number: 499-75-2 <span style="float: right;">EC number: 207-889-6</span>
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1 - H314 Aquatic Chronic 2 - H411
<b>Terpinene-1-ol-4</b> <span style="float: right;"><b>&lt;3%</b></span>
CAS number: 562-74-3 <span style="float: right;">EC number: 209-235-5</span>
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H336

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

# HIBA WOOD OIL

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention immediately.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide or dry powder.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Closed containers may build up pressure at elevated temperatures.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO <sub>2</sub> ). Organic compounds.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Use water spray / stream to protect personnel and to cool endangered containers.
<b>Special protective equipment for firefighters</b>	Wear full protective clothing

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Absorb with inert, non-combustible, inorganic absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite). Sweep up and remove to an approved disposal container. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13. Wash spill site after material pick up is complete.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8.
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## HIBA WOOD OIL

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid inhalation of vapours and contact with skin and eyes. Do not eat, drink or smoke when using this product. Keep away from heat, sparks and open flame. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Do not use containers made of the following materials: Iron

#### 7.3. Specific end use(s)

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

##### Protective equipment



**Personal protection** General protective and hygienic measures: Use personal protective equipment depending on concentration and amount of hazardous substance. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.

**Eye/face protection** Wear face protection.

**Hand protection** Chemical resistant gloves (PVC)

**Other skin and body protection** Wear protective clothing.

**Hygiene measures** Provide eyewash station.

**Respiratory protection** Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

**Appearance** Liquid.

**Colour** Yellow. to Light brown.

**Odour** Characteristic.

**Flash point** >93°C

**Relative density** 0.855 - 0.965 @ 20°C

**Solubility(ies)** Insoluble in water. Soluble in ethanol.

**Optical rotation** -40 to -25°C

#### 9.2. Other information

**Refractive index** 1.495 - 1.535 @ 20°C

# HIBA WOOD OIL

## Hydrocarbon Content

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** Not known.

#### 10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not known.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

**Materials to avoid** Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Not determined.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**ATE oral (mg/kg)** 24,952.61

##### Skin sensitisation

**Skin sensitisation** May cause an allergic skin reaction.

##### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

##### Aspiration hazard

**Aspiration hazard** May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

#### 12.4. Mobility in soil

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** No data available.

#### 12.6. Other adverse effects

## HIBA WOOD OIL

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance** CHIP for everyone HSG228.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## HIBA WOOD OIL

### Inventories

EU - EINECS/ELINCS

Yes

### SECTION 16: Other information

<b>Revision date</b>	22/05/2020
<b>Revision</b>	2
<b>Supersedes date</b>	05/04/2017
<b>SDS number</b>	4900
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.

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## Product Specification

PRODUCT DETAILS		
Product Name	HIBA WOOD OIL	
Product Code	OEHIBA	
INCI Name	Thujopsis Dolabrata Wood Oil	
Country of Origin	Japan	
Tariff Number	33012941	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.	
Food Grade Status	Not applicable	
Kosher Certified	No	
Halal Certified	We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Obtained by steam distillation of the wood chips of the hiba tree.	
Identification	CAS No: 91722-39-3	EINECS No: 294-437-6
	Alternative Cas: 68917-43-1	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid	
Colour	Yellow to light brown	
Odour	Characteristic	
Relative Density @ 20°C	0.855 - 0.965	
Refractive Index @ 20°C	1.495 - 1.535	
Flash Point	>93°C	
Solubility	Insoluble in water. Soluble in ethanol	
Optical Rotation	-40 to -25°C	
FRAGRANCE ALLERGENS		
NONE PRESENT		
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
NONE PRESENT		
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

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