

Version: 1 (25/10/2024)



## SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** Amyris Oil Haiti 800985

Version: 1

# Section 1. Identification of the substance or the mixture and of the supplier

# 1.1 Product Identifier

**Product identifier:** Amyris Oil Haiti; CAS: 90320-49-3

Other identifiers: Amyris balsamifera

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

**Product uses:** Fragrance and flavours

Uses advised against: This material is not for use in tobacco/tobacco products, E-Cigarettes or similar devices.

See Section 16 Disclaimer

### 1.3 Details of the supplier of the safety data sheet

Company name: Etja s.c.

Company address: Ul. Łęczycka 29

82-300 Elbląg

Poland

**Contact:** 

E-Mail address: etja@etja.pl

**Company phone:** +48 (55) 233 09 87

1.4 Emergency telephone number

Emergency phone: 112

## Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

Class and category of Sensitization - Skin Category 1

danger: Hazardous to the Aquatic Environment - Acute Hazard Category 2

Hazardous to the Aquatic Environment - Long-term Hazard Category 2

H317, May cause an allergic skin reaction.

H411, Toxic to aquatic life with long lasting effects.

2.2 Label elements

Signal word: Warning

**Hazard statements:** H317, May cause an allergic skin reaction.

H411, Toxic to aquatic life with long lasting effects.

M factor: None

**Precautionary** P261, Avoid breathing vapour or dust.

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

P273, Avoid release to the environment.

P280, Wear protective gloves/eye protection/face protection. P302/352, IF ON SKIN: Wash with plenty of soap and water.



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P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P363, Wash contaminated clothing before reuse.

P391, Collect spillage.

P501, Dispose of contents/container to approved disposal site, in accordance with local

regulations.

2.3 Other hazards

**Pictograms:** 

Other hazards: Hydrocarbon Concentration %: 0.0000%

Section 3. Composition / information on ingredients

3.1 Substances

**Product identifier:** Amyris Oil Haiti; CAS: 90320-49-3

**Contains:** 

Name	CAS	% GHS Classification	
trans-Nerolidol	40716-66-3	5-<10%	Eye Irrit. 2B-Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 1;H317-H320-H410
alpha-Zingiberene	495-60-3	0.1-<1%	Skin Sens. 1B;H317
IβBisabolene	495-61-4	0.1-<1%	Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1- Aquatic Acute 2-Aquatic Chronic 2;H304-H315-H317- H332-H411
beta-Caryophyllene	87-44-5	0.1-<1%	Skin Sens. 1B-Asp. Tox 1;H304-H317

## Section 4. First-aid measures

# 4.1 Description of first aid measures

**Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

**Eye exposure:** Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

**Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.

**Ingestion:** Rinse mouth with water and obtain medical attention.

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

May cause an allergic skin reaction.

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

None expected, see Section 4.1 for further information.



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#### Section 5: Firefighting measures

## 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

## 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

### Section 6. Accidental release measures

# 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

# 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

# Section 7. Handling and storage

## 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

## 7.3 Specific end use(s):

Fragrance and flavours: Use in accordance with good manufacturing and industrial hygiene practices.

#### Section 8. Exposure controls/personal protection

# 8.1 Control parameters

Workplace exposure limits: Not Applicable



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## 8.2 Exposure Controls

#### **Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

### **Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

## Section 9. Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

**Appearance:** Pale yellow to yellow liquid

Odour:

Odour threshold:

Not determined

PH:

Not determined

Flash point: 110 °C

**Evaporation rate:** Not determined Flammability (solid, gas): Not determined

Upper/lower flammability or explosive limits: Product does not present an explosion hazard

Vapour pressure: Not determined Vapour density: Not determined Relative density @20°C: 0.9430 - 0.9460 Solubility(ies): Not determined Partition coefficient: n-octanol/water: Not determined **Auto-ignition temperature:** Not determined **Decomposition temperature:** Not determined **Viscosity:** Not determined **Explosive properties:** Not expected Oxidising properties: Not expected

**9.2 Other information:**None available



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## Section 10. Stability and reactivity

## 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

### 10.2 Chemical stability:

Good stability under normal storage conditions.

## 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

#### 10.6 Hazardous decomposition products:

Not expected.

#### Section 11. Toxicological information

### 11.1 Information on toxicological effects

Acute Toxicity: Based on available data the classification criteria are not met.

Acute Toxicity Oral Not Applicable
Acute Toxicity Dermal Not Applicable
Acute Toxicity Inhalation Not Available

**Skin corrosion/irritation:**Based on available data the classification criteria are not met. **Serious eye damage/irritation:**Based on available data the classification criteria are not met.

**Respiratory or skin sensitisation:** Sensitization - Skin Category 1

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

Carcinogenicity:

Based on available data the classification criteria are not met.

Reproductive toxicity:

Based on available data the classification criteria are not met.

STOT-single exposure:

Based on available data the classification criteria are not met.

STOT-repeated exposure:

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

### Information about hazardous ingredients in the mixture

Not Applicable

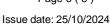
Refer to Sections 2 and 3 for additional information.

# **Section 12. Ecological information**

#### 12.1 Toxicity:

Toxic to aquatic life with long lasting effects.





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12.2 Persistence and degradability: Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

**12.5 Other adverse effects:** Not available

# Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (trans- Nerolidol)	9	-	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (trans- Nerolidol) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (trans- Nerolidol)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (trans- Nerolidol)	9	-	III

**14.5 Environmental hazards:** This is classified as an environmentally hazardous substance under the UN

Model Regulations. This is classified as a Marine Pollutant under the IMDG

Code.

**14.6 Special precautions for user:** None additional

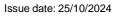
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

## **Section 15. Regulatory information**

None additional

### **Section 16. Other information**



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**Concentration % Limits:** SS 1=12.35% EH A2=30.86% EH A3=3.09% EH C2=30.86% EH C3=3.

09%

**Total Fractional Values:** SS 1=8.10 EH A2=3.24 EH A3=32.40 EH C2=3.24 EH C3=32.40

Key to revisions:

Not applicable

## Key to abbreviations:

Abbreviation	Meaning		
Acute Tox. 4	Acute Toxicity - Inhalation Category 4		
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1		
Aquatic Acute 2	Hazardous to the Aquatic Environment - Acute Hazard Category 2		
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1		
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2		
Asp. Tox 1	Aspiration Hazard Category 1		
Eye Irrit. 2B	Eye Damage / Irritation Category 2B		
H304	May be fatal if swallowed and enters airways.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H320	Causes eye irritation.		
H332	Harmful if inhaled.		
H410	Very toxic to aquatic life with long lasting effects.		
H411	Toxic to aquatic life with long lasting effects.		
P261	Avoid breathing vapour or dust.		
P264	Wash hands and other contacted skin thoroughly after handling.		
P271	Use only outdoors or in a well-ventilated area.		
P272	Contaminated work clothing should not be allowed out of the workplace.		
P273	Avoid release to the environment.		
P280	Wear protective gloves/eye protection/face protection.		
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.		
P302/352	IF ON SKIN: Wash with plenty of soap and water.		
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.		
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.		
P331	Do not induce vomiting.		
P333/313	If skin irritation or rash occurs: Get medical advice/attention.		
P337/313	If eye irritation persists: Get medical advice/attention.		
P362	Take off contaminated clothing and wash before reuse.		
P363	Wash contaminated clothing before reuse.		
P391	Collect spillage.		
P405	Store locked up.		
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.		
Skin Irrit. 2	Skin Corrosion / Irritation Category 2		





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Skin Sens. 1B Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

References and further information

This product has not been tested, nor deemed safe, for use in tobacco/tobacco products, electronic cigarettes or similar devices. Etja.s.c. instructs all customers not to use this material in the manufacture of tobacco / tobacco products, E-Cigarettes or any component thereof unless each customer takes all necessary steps to ensure its suitability and safety for such use.

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