SAFETY DATA SHEET (SDS)

Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878 and GHS.

Amyris Essential Oil

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Field	Details
Product Name	AMYRIS OIL
CAS No	90320-49-3
EINECS No	291-076-7
TSCA CAS No	8015-65-4

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

Identified use (s): Essential Oil. Perfume/fragrance material for manufacturing purposes only.

1.3 Supplier

Aromology Trading LLC
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to the current IFRA/ IOFI 2023 Labelling Manual and Regulation (EC) No. 1272/2008 (CLP)

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement
Skin Sensitisation	SS	1	H317	May cause an allergic skin reaction
Environmental Acute	EHA	3	H402	Harmful to aquatic life
Environmental Chronic	EHC	3	H412	Harmful to aquatic life with long lasting effects

2.2 Label elements

Symbols: GHS07 (exclamation mark)
Signal word: DANGER

UN Global Harmonised System Precautionary Statements (CLP)

Code	Prevention Statements
P280	Wear protective gloves/clothing, eye/face protection
P264	Wash hands thoroughly after handling
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment

Code	Response Statements
P303/361	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P321/363	Protective clothing should be washed before reuse
P331	DO NOT induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse.
P353	Rinse skin with water/shower.
P370/378	In case of fire: Use carbon dioxide, foam or dry powder for extinction.

Code	Storage and Disposal Statements
P403	Store in a well ventilated place.
P235	Keep cool
P501	Dispose of contents and container in accordance with international regulation

3. COMPOSITION/INFORMATION ON CONSTITUENTS

3.1 Nature Of Product

AMYRIS OIL (100% Pure & Natural)

Amyris Balsamifera Bark Oil is the volatile oil distilled from the bark of the tree, Amyris balsamifera, Rutaceae

EINECS No	CAS No	TSCA CAS No
291-076-6	90320-49-3	8015-65-4

FEMA	FDA	HC (%)
-	172.510	12

3.2 Constituents

These indicative levels should be taken into account when determining the compliance of the essential oil under its condition of use. (In accordance with Regulation (EC) No 1272/2008 and IFRA/IOFI Labelling Manual 2023 Classified constituents ≥0.1%, no Aspiration hazard & Flammability)

CONSTITUENT	CAS NUMBER	<= %	RELEVANT GHS
alpha-Zingiberene	495-60-3	0.70	Skin Sens. 1B;H317
l-.β.-Bisabolene	495-61-4	0.40	Acute Tox. 4 (Inhalation:dust/mist);H332|Aquatic Acute 2;H401|Aquatic Chronic 2;H411|Skin Irrit. 2;H315|Skin Sens. 1B;H317
trans-Nerolidol	40716-66-3	0.60	Aquatic Acute 1;H400|Aquatic Chronic 1;H410|Eye Irrit. 2B;H320|Skin Sens. 1B;H317
Farnesol	4602-84.0	0.12	Aquatic Acute 1;H400|Aquatic Chronic 1;H410|Eye Irrit. 2A;H319|Skin Irrit. 2;H315|Skin Sens. 1B;H317

Allergen Constituents Information (7th Amendment Cosmetic Directive 76/768/EEC): see Fragrance Allergen Certificate.
Batch analysis may show levels different to those indicated above, where this is available, batch specific analyzed levels can then be used instead of the indicative levels.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Exposure	Measures
Ingestion	Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
Inhalation	Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
Eye contact	Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
Skin contact	Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

5.1 Extinguisher
Use CO2, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.

5.2 Special hazards
Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO2 (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Safety Precautions

Avoid contact with skin and eyes. Wear safety gloves, clothing and glasses.
(Consult sections 7 & 8 for additional information)

6.2 Environmental Safety Precautions

Eliminate all sources of ignition.
Prevent any material entering drains or waterways

6.2 Methods and materials for containment and clean up

Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.)
Wash area clean with water and detergent.
Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

7.1 Handling Precautions

Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.

7.2 Storage Precautions

Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient comments: No exposure limits known

8.2 Exposure controls

Protection	Measures
Respiratory Protection	Ensure adequate ventilation. If ventilation is insufficient use approved respirators.
Skin/Hand Protection	Wear personal protective equipment. Use chemical resistant safety gloves. Polyvinyl alcohol or nitrile rubber gloves are recommended.
Eye/Face Protection	Wear safety glasses/visors. Ensure eye washes are available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Property	Information
Appearance	Liquid
Colour	Viscous pale yellow to yellow-amber coloured liquid
Odour	Sweet, woody, slightly green odour
Odour threshold	No information available
pH	No information available
Melting point	No information available

Property	Information
Initial boiling point and range	No information available
Flash point	93 °C
Evaporation rate	No information available
Evaporation factor	No information available
Flammability (solid, gas)	No information available
Upper flammability or explosive limits	No information available
Lower flammability or explosive limits	No information available
Other flammability	No information available
Vapour pressure	No information available
Vapour density	No information available
Relative density@ 20°C	0.9460 - 0.9780
Bulk density	No information available
Solubility(ies)	No information available
Partition coefficient	No information available
Auto-ignition temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available
Explosive properties	No information available
Explosive under influence of a flame	No information available
Oxidising properties	No information available

9.2. Other information

Property	Information
Particle size	No information available.
Molecular weight	No information available.

10. STABILITY AND REACTIVITY

Subsection	Information
10.1. Reactivity	There are no known reactivity hazards associated with this product.
10.2. Chemical stability	Stable at normal ambient temperatures and when used as recommended.
10.3. Possibility of hazardous reactions	Will not polymerise.
10.4. Conditions to avoid	Keep away from any source of ignition.
10.5. Incompatible materials	Avoid strong oxidisers, acids and alkalis.
10.6. Hazardous decomposition products	Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Route	LD50	Remarks

Route	LD50	Remarks
Oral LD50	>500mg/Kg	This product is NOT intended for oral use.
Dermal LD50	>5000mg/Kg	

LD50 dosage levels are only a guideline obtained from historical data, Aroma Trading Ltd does not test its products on animals.

CAS No	Constituent	Toxicological information
7212-44-4	NEROLIDOL	Oral, LD50: >5000 mg/kg (rat) (RIFM 1973)
		Oral, LD50: 9626 mg/kg (souris) (RIFM 1967)
		Dermique, LD50: >5000 mg/kg (lapin) (RIFM 1973)
4602-84-0	FARNESOL	Oral, LD50: 20000 mg/kg (rat)
		Dermique, LD50: 15000 mg/kg (rat)

Effect	Information
Skin corrosion/irritation	No irritant effect.
Serious eye damage/irritation	No irritant effect.
Respiratory sensitisation	No sensitizing effect
Skin sensitisation	May cause an allergic skin reaction
Germ cell mutagenicity	No information available
Carcinogenicity	No information available

11.2 Information on other hazards

Endocrine disrupting properties: No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity:

Subsection	Information
12.2 Persistence and degradability	No information available
12.3 Bioaccumulative potential	Harmful to aquatic life with long lasting effects
1.4 Mobility in soil	No information available
12.5 Results of PBT and vPvB assessment	No information available
12.6 Endocrine disrupting properties	No information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not pour into drains or waterways.
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal.
Washings should be disposed of as waste.

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

Field	Details
UN Shipping Name (N.O.S.)	NOT REGULATED
ADR/RID (Road/Rail)	Not restricted
IMDG-CODE (Sea)	Not listed
ICAO/IATA (Air)	Not regulated
UN Number	
Packing Group	
Subsidiary Risk	
Packing Instructions	Non-hazardous substance, transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON-HAZARDOUS LIQUID

15. REGULATORY INFORMATION

Product Classification: AMYRIS OIL

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification: GHS07 (exclamation mark)

DANGER

Hazard Categories	
SS1	May cause an allergic skin reaction
EH A3, C3	Harmful to aquatic life
	Harmful to aquatic life with long lasting effects.

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive.

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Disclaimer

The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. Aromology shall not be held liable for any damage resulting from handling or from contact with the above product. See aromology.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Authorised by:
Fozia Khot
Director