



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**SAFETY DATA SHEET**

**1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME: Sandalwood Amyris Essential Oil

SUPPLIER: Amphora Aromatics Limited, Airfield House, Western Drive, Bristol, BS14 0AF

PRODUCT NUMBER: 49

CAS NUMBER: 8015-65-4 / 90320-49-3

EC NUMBER: 291-076-6

INCI: Amyris Balsamifera Bark Oil

IDENTIFIED USES: Flavours. Fragrances.

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

**2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CAS: 8015-65-4 / 90320-49-3

EC: 291-076-6

**CLASSIFICATION (EC 1272/2008):**

- PHYSICAL HAZARDS: No additional data available.
- HEALTH HAZARDS: No additional data available.
- ENVIRONMENTAL HAZARDS: Hazardous to the Aquatic Environment - Long-term Hazard Category 3 H412, Harmful to aquatic life with long lasting effects.

**LABEL ELEMENTS**

PICTOGRAM:

None

SIGNAL WORD:

N/A

HAZARD STATEMENTS:

H412, Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

P273, Avoid release to the environment.

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

CONTAINS:

No additional data available.

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

**1.5% trans-Nerolidol**

CAS NUMBER: 40716-66-3

CLASSIFICATION: (EC 1272/2008):

EDI 2-EH A1-EH C1;H319- H410,-

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



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**4: FIRST AID MEASURES**

INHALATION:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
INGESTION:	Rinse mouth with water and obtain medical attention.
SKIN CONTACT:	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
EYE CONTACT:	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	None expected, see Section 4.1 for further information.
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:	None expected, see Section 4.1 for further information.

**5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide (CO <sub>2</sub> ). Dry Chemical Powder. Foam.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.
ADVICE FOR FIREFIGHTERS:	In case of insufficient ventilation, wear suitable respiratory equipment.

**6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: ENVIRONMENT PRECAUTIONS:	Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8. Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.
CLEANING UP METHODS FOR SPILLAGES:	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.
REFERENCE TO OTHER SECTIONS:	Section 8 - Exposure controls/personal protection for further information on personal precautions. Section 13 - Disposal Considerations for further information on waste treatment.

**7: HANDLING AND STORAGE**

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.
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.
SPECIFIC END USE(S):	Flavours, Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.



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**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:

ENGINEERING MEASURES:

RESPIRATORY EQUIPMENT:

HAND PROTECTION:

EYE PROTECTION:

OTHER PROTECTION:

HYGIENE MEASURES:

PERSONAL PROTECTION:

SKIN PROTECTION:

ENVIRONMENTAL EXPOSURE CONTROLS:

Ensure area is well ventilated. Avoid vapour inhalation.

No additional data available.

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.

Wear protective gloves/eye protection/face protection

Wear protective gloves/eye protection/face protection

Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Avoid inhalation of the product. Avoid contact with skin and eyes.

Wear protective clothing to reduce the risk of skin and eye contact.

Avoid discharging into drainage water.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:

COLOUR:

ODOUR:

RELATIVE DENSITY:

FLASH POINT (°C):

REFRACTIVE INDEX:

MELTING POINT (°C):

BOILING POINT (°C):

VAPOUR PRESSURE:

SOLUBILITY IN WATER @20°C:

Viscous liquid, pale yellow to yellow gold.

Pale yellow to yellow gold.

Characteristic – sweet, woody.

0.946 – 0.978 @20°C

> 100

1.500 – 1.512 @20°C

No additional data available.

No additional data available.

No additional data available.

Insoluble in water.



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**10: STABILITY AND REACTIVITY**

REACTIVITY:	Presents no significant reactivity hazard, by itself or in contact with water.
CHEMICAL STABILITY:	Good stability under normal storage conditions.
POSSIBLE HAZARDOUS REACTIONS:	Not expected under normal conditions of use.
CONDITIONS TO AVOID:	Avoid extreme heat.
INCOMPATIBLE MATERIALS:	Avoid strong acids, alkalis and oxidising agents
HAZARDOUS DECOMPOSITION PRODUCTS:	Not expected.

**11: TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY:	This material does not meet the criteria for classification for health hazards under Regulation (EC) No 1272/2008. Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: N/A Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: N/A Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: N/A Inhalation Route: N/A Refer to Section 2 for additional information.
SKIN CORROSION / IRRITATION:	No additional data available.
SERIOUS EYE DAMAGE / IRRITATION:	No additional data available.
RESPIRATORY OR SKIN SENSITISATION:	No additional data available.
GERM CELL MUTAGENICITY:	No additional data available.
CARCINOGENICITY:	No additional data available.
REPRODUCTIVE TOXICITY:	No additional data available.
STOT-SINGLE EXPOSURE:	No additional data available.
STOT-REPEATED EXPOSURE:	No additional data available.
ASPIRATION HAZARD:	No additional data available.
PHOTO-TOXICITY:	No additional data available.
OTHER INFORMATION:	No additional data available.

**12: ECOLOGICAL INFORMATION**

ECOTOXICITY:	Harmful to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	No additional data available.
BIOACCUMULATIVE POTENTIAL:	No additional data available.
MOBILITY IN SOIL:	No additional data available.
RESULTS OF PBT AND vPvB ASSESSMENT:	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
PRECAUTIONS:	Do not allow product to enter streams, sewers or other waterways.

**13: DISPOSAL CONSIDERATIONS**

DISPOSAL 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.
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**14: TRANSPORT INFORMATION**

UN No. ROAD:	Not classified.
UN No. SEA:	Not classified.
UN No. AIR:	Not classified.
PROPER SHIPPING NAME:	None.
TRANSPORT HAZARD CLASS(ES):	None.
PACKING GROUP:	None.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT:	Not environmentally hazardous for transport.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	Not classified.

**15: REGULATORY INFORMATION**

STATUTORY INSTRUMENTS:	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
EU LEGISLATION:	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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments
GUIDANCE:	CHIP for everyone HSG (108). Workplace Exposure Limits EH40
APPROVED CODE OF PRACTISE:	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

**16: OTHER INFORMATION**

HAZARD AND/OR PRECAUTIONARY STATEMENTS IN FULL	H412 - Harmful to aquatic life with long lasting effects.
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**Q.C. REQUIREMENTS.**

In-line with general product specification. Always satisfy suitability for specific application.  
Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.