

MATERIAL SAFETY DATA SHEET.

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Sandalwood Oil, Amyris**

SUPPLIER: Norfolk Trading 1 Rigby's Crt Norwich NR2 1NT

TELEPHONE: +44 (0)1603 610883

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: The volatile oil distilled from the bark of *Amyris balsamifera*.

H-No:	CAS No: 8015-65-4	Status: natural
CoE No:	FEMA:	Additives: none
FDA:	IFRA:	Application:
RIFM:	EINECS: 291-076-6	RTECS:
INCI name: Amyris balsamifera		FCCIV:

3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest. Observe good housekeeping procedures.

4. FIRST-AID MEASURES:

INHALATION: medical	Remove from exposure site to fresh air. Keep at rest. Obtain attention.
EYE CONTACT: doctor if	Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
SKIN CONTACT: water, advice.	Remove contaminated clothes. Wash thoroughly with soap & flush with plenty of water. If irritation persists, seek medical advice.
INGESTION:	Rinse mouth out with water. Seek medical advice immediately .
OTHER:	When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: on	Use CO ₂ , Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet burning material.
SPECIAL MEASURES: not &	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus protective clothing.
EXTINGUISHING PROCEDURES: and	Closed containers may build up pressure when exposed to heat should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable
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ENVIRONMENT PRECAUTIONS:	protective clothing) in case of major spillages.
CLEANING UP METHODS	Keep away from drains, soils, surface & groundwaters.
Cover FOR SPILLAGES:	Remove all potential ignition sources. Contain spilled material.
sweep	with an inert or non-combustible inorganic absorbent material, up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

COLOUR:	Yellow to brownish
APPEARANCE:	Viscous liquid
ODOUR:	Woody
FLASH-POINT °C:	129
SPECIFIC GRAVITY @ 20°C:	0.943-0.968
REFRACTIVE INDEX @ 20°C:	1.5040-1.512

10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

No data available

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Data not available
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. TRANSPORT REGULATIONS.

Road (ADR/RID): n/a
AIR (IATA): n/a
SEA (IMDG): n/a

15. REGULATORY INFORMATION. According to Directive 88/379/EEC

HAZARDS: n/a
SYMBOLS: n/a
RISK PHRASES: n/a
SAFETY PHRASES: n/a

16. OTHER INFORMATION.

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

SHELF-LIFE

Min 12 months when stored within advised conditions.

Q.C. REQUIREMENTS.

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

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