



AMPHORA AROMATICS

MATERIAL SAFETY DATA SHEET.

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Valerian root oil**

SUPPLIER: Amphora Aromatics Ltd, 36 Cotham Hill, Cotham, Bristol BS6 6LA

Telephone +44 (0)117-9087770.

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: The oil obtained by distillation from the root of the plant Valeriana Officinalis.

CAS No: 8008-88-6

EC No: 232-501-7

EINECS-CAS No: 8057-49-6

Status: Natural

Additives: None

Application: Aromatherapy

CoE No: 473

FEMA: 3100

FDA: 172.510

IFRA: see section 16

INCI name: Valeriana officinalis Root Oil

3. HAZARDS IDENTIFICATION:

Xn Harmful; N Dangerous for the environment

4. FIRST-AID MEASURES:

INHALATION:

Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT:

Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT:

Remove contaminated clothes. Wash thoroughly with soap & water, 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:

Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES:

Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES:

Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:

Avoid inhalation & direct contact with skin & eyes. Use individual



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ENVIRONMENT PRECAUTIONS: protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
CLEANING UP METHODS: Keep away from drains, soils, surface & ground waters.
FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep 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, do not eat, drink or smoke whilst handling. Avoid static discharges.
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.
SKIN 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 pale red-brown
APPEARANCE: Mobile liquid
ODOUR: Warm woody, balsamic
FLASH POINT °C: 75
SPECIFIC GRAVITY AT 20°C: 0.930 – 0.984
REFRACTIVE INDEX @ 20°C: 1.470 – 1.500

10. STABILITY & REACTIVITY.

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

11. TOXICOLOGICAL INFORMATION.

Data not available

12. ECOLOGICAL INFORMATION.

Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.
BIODEGRADABILITY: Data not available
PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.



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

14. TRANSPORT REGULATIONS.

UN 3082: applies
Road (ADR/RID): Class 9 Packaging Group III
AIR (IATA): Class 9 Packaging Group III
SEA (IMDG): Class 9 Packaging Group III
CHIP: See section 15

15. REGULATORY INFORMATION.

HAZARDS: Harmful; Dangerous for the environment
SYMBOLS: Xn; N
RISK PHRASES: R43 May cause sensitisation by skin contact
R51/53 Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment
R65 Harmful: may cause lung damage if swallowed
SAFETY PHRASES: S24 Avoid contact with skin
S37 Wear suitable gloves
S61 Avoid release to the environment. Refer to special instructions / safety data sheets
S62 If swallowed, do not induce vomiting: seek medical advice immediately

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.

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



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