



## 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

Status: Natural Additives: None

CoE No: 473 FEMA: 3100

IFRA: see section 16

INCI name: *Valeriana officinalis* Root Oil

EINECS-CAS No: 8057-49-6

Application: Aromatherapy

FDA: 172.510

### 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

Use CO<sub>2</sub>, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

RECOMMENDED:

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:  
CLEANING UP METHODS  
FOR SPILLAGES:

protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

Keep away from drains, soils, surface & ground waters.

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.

### O.C. REQUIREMENTS.

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

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