



## MATERIAL SAFETY DATA SHEET.

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Juniperberry 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: Juniper needle oil is the volatile oil obtained by steam distillation of the fruiting twigs of the plant *Juniperus communis* Linne. var *erecta* Pursch (Fam. *Cupressaceae*)

H-No: 3301.469

CAS No: 8002-68- 4

Status: natural

CoE No: 249

FEMA: 2604

Additives: none

FDA: § 182.20

IFRA: not restricted

Application:

RIFM: monograph

EINECS: 85085-48-9

RTECS:

INCI name: Juniperus Communis

FCCIV: official

### 3. HAZARDS IDENTIFICATION:

R10. Flammable liquid.

### 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 mins. 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.

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

ENVIRONMENT PRECAUTIONS:

Keep away from drains, soils, surface & groundwaters.

CLEANING UP METHODS

Remove all potential ignition sources. Contain spilled material. Cover

FOR SPILLAGES:

with an inert or non-combustible inorganic absorbent material, sweep



# AMPHORA AROMATICS

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:	Colourless or pale-greenish-yellow
APPEARANCE:	Clear liquid
Odour:	Powerful juniperberry & conifer-like.
FLASH-POINT °C:	41
SPECIFIC GRAVITY @ 20°C:	0.8500-0.8750
REFRACTIVE INDEX @ 20°C:	1.4650-1.4900

## 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.

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):	class 3.31
AIR (IATA):	Class 3.3
SEA (IMDG):	Class 3.3
CHIP:	See section 15



# AMPHORA AROMATICS

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

HAZARDS: Flammable liquid  
SYMBOLS:  
RISK PHRASES: R10 Flammable liquid.  
SAFETY PHRASES: S16 Keep away from sources of ignition; No Smoking

## **16. OTHER INFORMATION.**

UN 1993: Flammable Liquid n.o.s. applies

### **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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