



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**SAFETY DATA SHEET**

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

PRODUCT NAME: **Sage Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **47**

CAS NUMBER: 8022-56-8 / 84082-79-1

EC NUMBER: 282-025-9

INCI: Salvia Officinalis Leaf Oil

BIOLOGICAL DEFINITION: This is a natural substance extracted from the leaves of the botanical Salvia Officinalis.

IDENTIFIED USES: Concentrated product used in production of Personal Care Flavour, Fragrances and Aromatherapy

**2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

- PHYSICAL HAZARDS: Flam. Liq. (Cat 3) – H226
- HEALTH HAZARDS: Aspiration Toxicity (Cat. 1) – H304  
Skin Irritation (Cat. 2) – H315  
Skin Sensitivity (Cat. 1) – H317  
STOT RE (Cat. 2) – H373 – (organ not specified)
- ENVIRONMENTAL HAZARDS: Aquatic Acute (Cat. 1) – H400  
Aquatic Chronic (Cat. 1) – H410

**LABEL ELEMENTS**

PICTOGRAM:



SIGNAL WORD:

**DANGER**

HAZARD STATEMENTS:

H226: Flammable liquid and vapour  
H304: May be fatal if swallowed and enters airways  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H373: May cause damage to organs through prolonged or repeated exposure  
H410: Very toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P273: Avoid release to the environment  
P280: Wear protective gloves/clothing/eye-protection/face protection

SDS: **47 Sage Essential Oil**

Compiled by: Geoffrey Harris, Quality Control - Approved by Johndan Chiclott, Regulatory Affairs – Date: 15/08/2019 -Version: 3



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OTHER PRECAUTIONARY STATEMENTS: P233: Keep container tightly closed  
P241: Use explosion-proof electrical/ventilating/light/equipment  
P242: Use only non-sparking tools  
P243: Take precautionary measures against static discharge  
P261: Avoid breathing vapour/spray  
P264: Wash hands thoroughly after handling  
P301+P310: If swallowed: immediately call a poison centre or doctor  
P302 + P352: If on skin, was with plenty of soap and water  
P305 + P351: If in eyes, rinse cautiously with water for several minutes  
P331: Do not induce vomiting  
P501: Dispose of contents/containers in accordance with local/national regulations

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

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**18 – 43% alpha-Thujone**

CAS: 76231-76-0

Classification: Acute Tox. 3 H301  
Acute Tox. 3 H311  
Skin Irrit. 2 H317  
Skin Sens. 1 H317  
Eye Irrit. 2 H319  
Acute Tox. 3 H331  
Resp Sens. 1 H334  
STOT SE H335

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**4.5 – 24.5% Camphor**

CAS: 8008-51-3

Classification: EC: 295-980-1  
Flam Liq. 3 H226  
Asp Tox.1 H304  
Skin Irrit. 2 H315  
Skin Sens. 1 H317  
Aquatic Acute 1 H400  
Aquatic Chronic 1 H410

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**5.5 – 13% 1,8 Cineole**

CAS: 470-82-6

Classification: EC: 207-431-5  
Flam Liq. 3 H226  
Skin Sens. 1B H317

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**0 – 12% alpha-Humulene**

CAS 6753-98-6

Classification: EC 229-816-7  
Skin Irrit. 2 H315  
Eye Irrit. 2 H319  
STOT SE 3 H335

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**3 – 8.5% beta-Thujone**

CAS: 76231-76-0

Classification: Acute Tox. 3 H301  
Acute Tox. 3 H311  
Skin Irrit. 2 H317  
Skin Sens. 1 H317  
Eye Irrit. 2 H319  
Acute Tox. 3 H331  
Resp Sens. 1 H334  
STOT SE H335

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**1.5 – 7% Camphene**

CAS 79-92-5:

Classification: EC: 201-234-8  
Flam Sol 2 H228  
Eye Irrit. 2 H319  
Aquatic Chronic 1 H319

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**1.0 – 6.5% alpha-Pinene**

CAS: 80-56-8

Classification: EC: 201-291-9  
Flam Liq. 3 H226  
Asp. Tox. 1 H304  
Skin Irrit. 2 H315  
Skin Sens. 1 H317

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**0.5 – 3% Limonene**

CAS: 5989-27-5

Classification: Flam Liq 3, H226  
Skin Irrit. 2, H315  
Skin Sens. 1, H317  
Aquatic Acute 1, H400  
Aquatic Chronic 1, H410

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**0 – 2.5% Bornyl Acetate**

CAS: 71173-15-4

Classification: Acute Tox. 3 H301  
Aquatic Acute 1 H400

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**0 – 1% Linalool**

CAS: 78-70-6

Classification: EC: 201-134-4  
Skin Irrit. 2, H315  
Eye Irrit. 2, H319

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**4: FIRST AID MEASURES**

INHALATION:	Remove to fresh air.
INGESTION:	Do not induce vomiting. Give a glass of water. See a doctor immediately
SKIN CONTACT:	Wash well with water.
EYE CONTACT:	Flush eyes with water for 15 minutes. If irritation persists see a doctor.
GENERAL INFORMATION:	Dependant on the level / type of exposure, small levels can be treated by first aider. Larger contact or if systems persist, seek medical help immediately
SELF PROTECTION OF FIRST AIDER:	Use personal protective equipment as described in section 8 if substance is present
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	Stinging sensation
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:	No specific first aid measures noted

**5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:	Use foam, dry powder, carbon dioxide or vaporising liquids
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:	May produce fumes of carbon monoxide and carbon dioxide. Moderate explosion hazard when exposed to flame
ADVICE FOR FIREFIGHTERS:	Containers close to fire should be removed or cooled with water Self-contained breathing apparatus and full protective clothing must be worn in case of fire
EMERGENCY ACTION CODE:	3[Y] (Foam + BA & Fire Kit)

**6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:	Wear appropriate protective clothing Shut off all sources of ignition
ENVIRONMENT PRECAUTIONS:	Do not discharge into drains, water courses or onto ground
CLEANING UP METHODS FOR SPILLAGES:	For small spills, wash area with detergent and water. For large spills, contain with earth, sand or similar inert absorbent material and both liquids and solids transferred to salvage containers and arrange disposal by disposal company. Wash spilled area thoroughly with water and detergent.

**7: HANDLING AND STORAGE**

PRECAUTIONS FOR SAFE HANDLING:	Avoid spilling, eye and skin contact. Use only in a well-ventilated area. Keep away from heat or flame. Wash area well with hot water and detergent and check for residual vapours with an explosion meter before carrying out maintenance.
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:	Must be stored and transported in accordance with local regulations for hazardous liquids. Store in tightly closed container in a dry, cool and well ventilated place. Protect from freezing and direct sunlight.



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**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS:

Use only in well-ventilated area.

CONTROL PARAMETERS:

Not determined.

**PERSONAL PROTECTION EQUIPMENT**

- RESPIRATORY

None required when used in well-ventilated area. Use approved half face respirator if using undiluted in confined spaces.

- EYE:

Use safety goggles.

- SKIN:

Use chemical resistant gloves.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:

Clear mobile liquid

COLOUR:

Pale yellow to greenish yellow

ODOUR:

Characteristic herb

FLASH POINT °C:

51 – (Closed Cup method)

SPECIFIC GRAVITY @ 20°C:

0.890 – 0.930

REFRACTIVE INDEX @ 20°C:

1.457 – 1.479

SOLUBILITY:

Not soluble in water, soluble in alcohol

**10: STABILITY AND REACTIVITY**

CHEMICAL STABILITY:

Product is stable under normal temperature conditions

POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerisation does not occur

CONDITIONS TO AVOID:

Keep away from heat or flame.

Use only in a well-ventilated area.

INCOMPATIBLE MATERIALS:

Oxidising Agents, strong acids, strong alkalis

HAZARDOUS DECOMPOSITION PRODUCTS:

May produce carbon monoxide and carbon dioxide upon decomposition

**11: TOXICOLOGICAL INFORMATION**

**INFORMATION ON TOXICOLOGICAL EFFECTS (HISTORICAL DATA):**

- SWALLOWED:

Mice (M/F) LD<sub>50</sub> 839 mg/kg.

- EYE:

Severe irritant

- INHALATION:

Dangerous for respiratory system / organs

- SKIN:

Acute dermal LD<sub>50</sub> in rabbits > 2500 mg/kg

- SKIN IRRITATION:

Serious irritant.

- SKIN SENSITIVITY:

Contains allergens.

- MUTAGENICITY:

Not determined.



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**12: ECOLOGICAL INFORMATION**

ECOTOXICITY:	Fish Toxicity: Not determined.
PERSISTENCE AND DEGRADABILITY:	Biodegradability : Regarded as readily biodegradable.
BIOACCUMULATIVE POTENTIAL:	An estimated BCF of 25 was calculated in fish for alpha,beta-thujone (SRC), According to a classification scheme(2), this BCF suggests the potential for bioconcentration in aquatic organisms is low(SRC).
MOBILITY IN SOIL:	Moderate mobility in soil.
RESULTS OF PBT AND vPvB ASSESSMENT:	Not determined.
PRECAUTIONS:	Not determined.

**13: DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS:	Regulations for Disposal generally vary according to location. Contact local waste disposal authority for advice, or pass to a chemical disposal company. Ensure compliance with local, state and federal regulations.
SPECIAL PRECAUTIONS FOR LANDFILL AND INCINERATION:	Waste is suitable for incineration.

**14: TRANSPORT INFORMATION**

UN NUMBER:	1169.
PROPER SHIPPING NAME:	EXTRACTS, AROMATIC LIQUID (Salvia Officinalis oil)
TRANSPORT HAZARD CLASS(es):	Class 3 (ADR/RID/ADN/IMDG/ICAO)
PACKING GROUP:	III



ENVIRONMENTAL HAZARDS:	Environmentally Hazardous Substance
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SPECIAL PRECAUTIONS FOR USER:	EMS F-A, S-F
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	No Data

**15: REGULATORY INFORMATION**

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No 716) Classification and Labelling of Substances and Preparations Dangerous for supply
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**16: OTHER INFORMATION**

**PACKAGING**

<b>TYPE</b>	<b>SUITABILITY</b>
Glass	Yes
Steel	Plated only
Aluminium	Yes
Fluorinated HDPE	Yes
Stainless steel drum	Ideal

**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.