



**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 / 84776-73-8

EC NUMBER: 282-025-9

EINECS NUMBER: 282-025-9/-

INCI: Salvia Officinalis Oil

BIOLOGICAL DEFINITION: The volatile oil steam distilled from the leaves of Salvia officinalis L.

IDENTIFIED USES: Suitable for use in cosmetics, flavours, fragrances and professional use only.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Flam. Liq. (Cat 3) - H226
- HEALTH HAZARDS: Acute Tox. 4 - H302
Asp. Tox. 1 - H304
Skin Irrit. 2 - H315
Skin Sens. 1B - H317
Eye Irrit. 2 - H319
STOT SE 2 - H371
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 2 - H411

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

CONTAINS:

DL-Bornan-2-one, beta-Caryophyllene

HAZARD STATEMENTS:

H226: Flammable liquid and vapour
H302: Harmful if swallowed
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
H371: May cause damage to organs
H411: Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing vapours/spray

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P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor
P302+P352: IF ON SKIN: Wash with plenty of water
P303+P361+P353: IF ON SKIN (or hair) Take off immediately all contaminated clothing. Rinse skin with water
P331: Do NOT induce vomiting
P333+P313: If skin irritation or rash occurs: Get medical advice/attention
P370+P378: In case of fire Use water carbon dioxide, dry chemical, foa
P391: Collect spillage
P501: Dispose of contents in accordance with local, state or national legislation
P264 Wash hands and exposed skin thoroughly after handling

SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

3: COMPOSITION/INFORMATION ON INGREDIENTS

18.0 – 43.0% alpha-Thujone

CAS No: 546-80-5 EC No: 208-912-2
Classification (EC 1272/2008): Acute Tox. 4 H302

10.0 – 25.0% DL-Bornan-2-one

CAS No: 21368-68-3 EC NO: 244-350-4
Classification (EC 1272/2008): Flam. Sol. 2 H228
Acute Tox. 4 H332
STOT SE 2 H371

5.0 – 15.0% 1,8 –Cineole

CAS No: 470-82-6 EC No: 207-431-5
Classification (EC 1272/2008): Flam. Liq. 3 H226
Skin Sens. 1B H317

2.5 - 10.0% beta-Caryophyllene

CAS No: 87-44-5 EC No: 201-746-1
Classification (EC 1272/2008): Asp. Tox. 1 H304
Skin Sens. 1B H317
Aquatic Chronic 4 H413

2.0 – 8.0% Camphene

CAS No: 79-92-5 EC No: 201-234-8
Classification (EC 1272/2008): Flam. Sol. 1 H228
Eye Irrit. 2 H319
Aquatic Chronic 1 H410



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1.0 – 5.0% alpha-Pinene

| | |
|--------------------------------|------------------------|
| CAS No: 80-56-8 | EC No: 201-291-9 |
| Classification (EC 1272/2008): | Flam. Liq. 3 H226 |
| | Acute Tox. 4 H302 |
| | Asp. Tox. 1 H304 |
| | Skin Irrit. 2 H315, |
| | Skin Sens. 1 H317 |
| | Aquatic Acute 1 H400 |
| | Aquatic Chronic 1 H410 |

1.0 – 5.0% beta-Pinene

| | |
|--------------------------------|------------------------|
| CAS No: 127-91-3 | EC No: 204-872-5 |
| Classification (EC 1272/2008): | Flam. Liq. 3 H226 |
| | Asp. Tox. 1 H304 |
| | Skin Irrit. 2 H315 |
| | Skin Sens. 1 H317 |
| | Aquatic Acute 1 H400 |
| | Aquatic Chronic 1 H410 |

≤ 2.0% Myrcene

| | |
|--------------------------------|------------------------|
| CAS No: 123-35-3 | EC No: 204-622-5 |
| Classification (EC 1272/2008): | Flam. Liq. 3 H226 |
| | Asp. Tox. 1 H304 |
| | Skin Irrit. 2 H315 |
| | Eye Irrit. 2 H319, |
| | Aquatic Acute 1 H400 |
| | Aquatic Chronic 1 H410 |

≤ 2.0% d-limonene

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|--------------------------------|------------------------|
| CAS No: 5989-27-5 | EC No: 227-813-5 |
| Classification (EC 1272/2008): | Flam. Liq. 3 H226 |
| | Asp. Tox. 1 H304 |
| | Skin Irrit. 2 H315 |
| | Skin Sens. 1 H317, |
| | Aquatic Acute 1 H400 |
| | Aquatic Chronic 1 H410 |

Full text for abbreviaions can be found in Section 16.

4: FIRST AID MEASURES

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|---------------|---|
| INHALATION: | Remove from exposure area to fresh air. Get medical advice/attention. |
| INGESTION: | Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention. |
| SKIN CONTACT: | Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues. |
| EYE CONTACT: | Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse. |

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**MOST IMPORTANT SYMPTOMS AND EFFECTS,
BOTH ACUTE AND DELAYED:** 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: No additional data available.

**INDICATION OF ANY IMMEDIATE MEDICAL
ATTENTION AND SPECIAL TREATMENT NEEDED:** Treat symptomatically.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED: Use foam, dry powder, carbon dioxide or vaporising liquids

UNSUITABLE EXTINGUISHING MEDIA: do not use water jet as an extinguisher, as this may scatter and spread fire.

**SPECIAL HAZARDS ARISING FROM THE
PRODUCT:** A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
Thermal decomposition or combustion products may include the following substances:
Carbon dioxide (CO₂), Carbon monoxide (CO), other toxic gases.
Containers close to fire should be removed or cooled with water

ADVICE FOR FIREFIGHTERS: Avoid inhalation of generated fumes or vapours. Wear self-contained breathing apparatus and appropriate protective clothing.

6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE
EQUIPMENT AND EMERGENCY PROCEDURES:** Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.

**ENVIRONMENTAL PRECAUTIONS:
METHODS AND MATERIAL FOR CONTAINMENT
AND CLEANING UP.:** Do not discharge into drains, water courses or onto ground
Absorb with liquid binding material e.g. sand, diatomaceous earth or vermiculite.
Collect in closed and suitable containers for disposal in accordance with local, state or national legislation. Prevent any material from entering drains or waterways. Wash spill site after removal with a detergent.

REFERENCES TO OTHER SECTIONS: See sections 4, 7, 8 & 13.

7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only in area provided with adequate ventilation. Keep away from heat, sparks and open flame. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take necessary action to avoid static discharge as this might cause ignition of vapours.

**CONDITIONS FOR SAFE STORAGE, INCLUDING
ANY INCOMPATIBILITIES:** Store in tightly-closed, original container in a dry, cool and well-ventilated area, away from potential sources of ignition and protected from light.

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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



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| PROCESS CONDITIONS: | Provide eyewash station. |
| ENGINEERING MEASURES: | Provide adequate ventilation or respiratory protection. |
| RESPIRATORY EQUIPMENT: | Usually not required in a well-ventilated area. In confined or poorly ventilated area approved respiratory masks may be required. |
| HAND PROTECTION: | Wear suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. |
| EYE PROTECTION: | Avoid contact with eyes. Wear safety goggles in accordance with standard EN166. |
| OTHER PROTECTION: | Wear appropriate clothing to prevent any possibility of skin contact. |
| HYGIENE MEASURES: | Good personal hygiene practices are always advisable, especially when working with chemicals / oils. |
| PERSONAL PROTECTION: | Use of chemical resistant clothing is recommended when handling. |
| SKIN PROTECTION: | Wear appropriate protective clothing to prevent skin contact. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been exposed must be washed thoroughly. |
| ENVIRONMENTAL EXPOSURE CONTROLS: | Avoid discharging into drainage water. Only eliminate by authorised companies. |

9: PHYSICAL AND CHEMICAL PROPERTIES

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|--------------------------------|-------------------------------|
| APPEARANCE: | Liquid |
| COLOUR: | Pale yellow |
| ODOUR: | Characteristic herbaceous |
| FLASH POINT °C: | 50 |
| SPECIFIC GRAVITY @ 20°C: | Approx. 0.915 |
| REFRACTIVE INDEX @ 20°C: | Approx. 1.466 |
| SOLUBILITY IN WATER @ 20°C: | Insoluble in water. |
| MELTING POINT (°C) | No additional data available. |
| BOILING POINT (°C) | No additional data available. |
| VAPOUR PRESSURE | No additional data available. |
| AUTO-IGNITION TEMPERATURE (°C) | No additional data available. |



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10: STABILITY AND REACTIVITY

| | |
|-----------------------------------|--|
| REACTIVITY: | Presents no significant reactivity hazards. Stable under normal temperature conditions and recommended use. |
| CHEMICAL STABILITY: | Stable under the recommended handling and storage conditions in section 7. |
| POSSIBLE HAZARDOUS REACTIONS: | Not expected under normal conditions of use. |
| CONDITIONS TO AVOID: | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Prevent storing the product in open containers for long periods so as to prevent product deterioration. |
| INCOMPATIBLE MATERIALS: | Avoid contact with strong acids, alkalis or oxidising agents. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Not expected under normal temperature conditions and recommended use. Thermal decomposition may release/form oxides of carbon (carbon monoxide, carbon dioxide) and other toxic gases. |

11: TOXICOLOGICAL INFORMATION

| | |
|------------------------------------|---|
| ACUTE TOXICITY: | Harmful if swallowed. (Calculation method). |
| SKIN CORROSION / IRRITATION: | Causes skin irritation. |
| SERIOUS EYE DAMAGE / IRRITATION: | Causes serious eye irritation. |
| RESPIRATORY OR SKIN SENSITISATION: | May cause an allergic skin reaction. |
| GERM CELL MUTAGENICITY: | Not classified. |
| CARCINOGENICITY: | Not classified. |
| REPRODUCTIVE TOXICITY: | Not classified. |
| STOT-SINGLE EXPOSURE: | May cause damage to organs. (Calculation method). |
| STOT-REPEATED EXPOSURE: | Not classified. |
| ASPIRATION HAZARD: | May be fatal if swallowed and enters airways. |
| PHOTO-TOXICITY: | No additional data available. |
| OTHER INFORMATION: | No additional data available. |

12: ECOLOGICAL INFORMATION

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|-------------------------------------|---|
| TOXICITY: | Toxic to aquatic life with long lasting effects. |
| PERSISTENCE AND DEGRADABILITY: | No additional data available. |
| BIOACCUMULATIVE POTENTIAL: | No additional data available. |
| MOBILITY IN SOIL: | No additional data available. |
| RESULTS OF PBT AND VPVB ASSESSMENT: | Not applicable. |
| OTHER ADVERSE EFFECTS: | Do not allow product to enter streams, sewers or other waterways. |

13: DISPOSAL CONSIDERATIONS

| | |
|--------------------------|---|
| WASTE TREATMENT METHODS: | Do not allow entry into drains or waterways. |
| WASTE: | Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste. Do not dispose of waste into the environment. |
| SOILED PACKAGING: | Empty container completely. Keep label(s) on container. Dispose of via a certified disposal contractor. |

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14: TRANSPORT INFORMATION

UN NUMBER: 1169.
PROPER SHIPPING NAME: EXTRACTS, AROMATIC, LIQUID
(Salvia Officinalis oil)

TRANSPORT HAZARD CLASS(ES):

ADR/RID

- ADR/RID: Class 3
- ADR CLASSIFICATION CODE: F1
- SPECIAL PROVISIONS: 601 604E
- LIMITED QUANTITIES: 5L
- EXPECTED QUANTITIES: E1
- EMERGENCY ACTION CODE: 3Y
- TUNNEL RESTRICTION CODE: D/E

IMDG

- IMDG: Class 3
- SPECIAL PROVISIONS: 601 640E
- LIMITED QUANTITIES: 5L
- EXPECTED QUANTITIES: E1
- IMDG EMS: F-E, S-D
- STOWAGE AND HANDLING: Category A



ICAI/IATA

- ICAO/IATA; Class 3
- IATA PROPER SHIPPING NAME: EXTRACTS, AROMATIC, LIQUID.
- EXPECTED QUANTITIES: E1

PACKING GROUP (ADR/RID/IMDG/ICAO): III

ENVIRONMENTAL HAZARDS:

Environmentally Hazardous
Substance/Marine Pollutant.



SPECIAL PRECAUTIONS FOR USER: See sections 6 – 8.

TRANSPORT IN BULK ACCORDING TO ANNEX II
OF MARPOL73/78 AND THE IBC CODE: Not applicable.

15: REGULATORY INFORMATION

STATUTORY INSTRUMENTS:

The Chemicals (Hazard Information and Packaging for Supply)
Regulations 2009 (S.I 2009 No. 716).

GUIDANCE NOTES:

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU LEGISLATION:

Regulation (EC) No 1907/2006 of the European Parliament and of
the Council of 18 December 2006 concerning the Registration,
Evaluation, Authorisation and Restriction of Chemicals (REACH),
establishing a European Chemicals Agency, amending Directive
1999/45/EC and repealing Council Regulation (EEC) No 793/93 and
Commission Regulation (EC) No 1488/94 as well as Council
Directive 76/769/EEC and Commission Directives 91/155/EEC,
93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

CHEMICAL SAFETY ASSESSMENT:

No additional information available.

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16: OTHER INFORMATION

HAZARD AND/OR PRECAUTIONARY STATEMENTS IN FULL

- H226: Flammable liquid and vapour.
- H228: Flammable solid.
- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H371: May cause damage to organs.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H411: Toxic to aquatic life with long lasting effects.
- H413: May cause long lasting harmful effects to aquatic life.

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.