



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: Hyssop Essential Oil

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

PRODUCT NUMBER: 24

CAS NUMBER: 8006-83-5 / 84603-66-7

EC NUMBER: 283-266-2

INCI: Hyssopus Officinalis Leaf Oil.

IDENTIFIED USES: Suitable for use in cosmetics, fragrance, flavour and professional applications only.

BIOLOGICAL DEFINITION: Hyssopus Officinalis Leaf Oil is the volatile oil obtained by steam distillation from the leaves of the Hyssop, Hyssopus officinalis L., Lamiaceae.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CAS: 8006-83-5 / 84603-66-7

EC: 283-266-2

CLASSIFICATION (EC 1272/2008):

- | | |
|--------------------------|-------------------------|
| - PHYSICAL HAZARDS: | Flam. Liq. 3- H226 |
| - HEALTH HAZARDS: | Asp. Tox. 1- H304 |
| | Skin Irrit. 2 - H315 |
| | Skin Sens. 1B- H317 |
| | Eye Irrit. 2- H319 |
| | Muta. 2 -H341 |
| | Carc. 2- H351 |
| - ENVIRONMENTAL HAZARDS: | Aquatic Acute 1- H400 |
| | Aquatic Chronic 2- H411 |

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.
H319 Causes serious eye irritation.
H341 Suspected of causing genetic defects.
H351 Suspected of causing cancer.
H411 Toxic to aquatic life with long lasting effects.



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PRECAUTIONARY STATEMENTS:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing vapours/spray. 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 or doctor/physician. P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P331 Do NOT induce vomiting. P337+P313 If eye irritation persists: Get medical advice/attention. P370+P378 In case of fire: Use foam, dry powder or CO2 to extinguish. P501 Dispose of contents in accordance with local, state or national legislation.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P264 Wash hands and exposed skin thoroughly after handling.
CONTAINS:	alpha-Pinene, beta-Pinene, d-Limonene

3: COMPOSITION/INFORMATION ON INGREDIENTS

30 - 60.0% 1,8 Cineol

CAS NUMBER: 470-82-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 207-431-5

Flam. Liq. 3- H226

Skin Sens. 1- H317

≤ 20.0% Beta Pinene

CAS NUMBER: 127-91-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-872-5

Flam. Liq. 3- H226

Asp. Tox. 1- H304

Skin Irrit. 2- H315

Skin Sens. 1B- H317

Aquatic Acute 1- H400

Aquatic Chronic 1- H410

≤ 10.0% Linalool

CAS NUMBER: 78-70-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-134-4

Skin Irrit. 2- H315

Skin Sens. 1B- H317

Eye Irrit. 2 H319



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≤ 6.0% d-Limonene

CAS NUMBER: 5989-27-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 227-813-5

Flam. Liq. 3- H226

Asp. Tox. 1- H304

Skin Irrit. 2- H315

Skin Sens. 1B- H317

Aquatic Acute 1- H400

Aquatic Chronic 1- H410

≤ 5.0% alpha-Pinene

CAS NUMBER: 80-56-8

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-291-9

Flam. Liq. 3- H226

Acute Tox. 4- H302

Asp. Tox. 1- H304

Skin Irrit. 2- H315

Skin Sens. 1B- H317

Aquatic Acute 1- H400

Aquatic Chronic 1- H410

≤ 5.0% Ocimene (3,7-dimethylocta-1,3,6-triene)

CAS NUMBER: 13877-91-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 237-641-2

Flam. Liq. 3- H226

Asp. Tox. 1- H304

Aquatic Acute 1- H400,

Aquatic Chronic 2- H411

≤ 4.0% Myrcene

CAS NUMBER: 123-35-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-622-5

Flam. Liq. 3- H226

Asp. Tox. 1- H304

Skin Irrit. 2- H315

Eye Irrit. 2- H319

Aquatic Acute 1- H400

Aquatic Chronic 1- H410

≤ 3.0% alpha-Terpineol

CAS NUMBER: 98-55-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-680-6

Skin Irrit. 2- H315

Eye Irrit. 2 H319

≤ 3.0% p-Cymene

CAS NUMBER: 99-87-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-796-7

Flam. Liq. 3- H226

Asp. Tox. 1- H304

Skin Irrit. 2- H315

Eye Irrit. 2- H319

STOT SE 3- H335

≤ 3.0% Terpinen-4-ol

CAS NUMBER: 562-74-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 209-235-5

Acute Tox. 4- H302



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≤ 2.0% gamma-Terpinene

CAS NUMBER: 99-85-4

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-794-6

Flam. Liq. 3- H226

Asp. Tox. 1- H304

≤ 1.0% Methyl Eugenol

CAS NUMBER: 93-15-2

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-223-0

Acute Tox. 4- H302

Muta. 2- H341

Carc. 2- H351

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4: FIRST AID MEASURES

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.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:

Foam, dry powder, carbon dioxide.

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.

In the event of a fire, the following may be formed: carbon monoxide and carbon dioxide.

ADVICE FOR FIREFIGHTERS:

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Keep packages near the fire cool, to prevent pressurised containers from bursting. Prevent the effluent of fire-fighting measures from entering drains or waterways.



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6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

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.

ENVIRONMENT PRECAUTIONS:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways. If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures. Use drums to dispose of collected waste in compliance with current regulations (see section 13).

CLEANING UP METHODS FOR SPILLAGES:

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations. Clean preferably with detergent. Do not use solvents.

REFERENCE TO OTHER SECTIONS:

See sections 7, 8, 13.

7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Avoid contact with skin, eyes and clothing. Avoid breathing vapours.

**CONDITIONS FOR SAFE STORAGE, INCLUDING
ANY INCOMPATIBILITIES:**

- STORAGE:

Keep the container tightly closed in a dry, well-ventilated place. Keep away from food and drink, including those for animals. Keep away from all sources of ignition - do not smoke. Keep well away from all sources of ignition, heat and direct sunlight. Avoid accumulation of electrostatic charges.

- PACKAGING:

Always keep in packaging made of an identical material to the original.

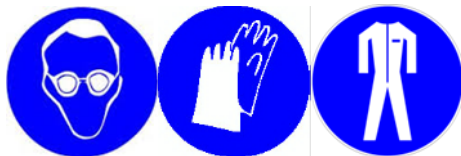


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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:

ENGINEERING MEASURES:

RESPIRATORY EQUIPMENT:

HAND PROTECTION:

EYE PROTECTION:

OTHER PROTECTION:

HYGIENE MEASURES;

PERSONAL PROTECTION:

SKIN PROTECTION:

ENVIRONMENTAL EXPOSURE CONTROLS:

Provide eyewash station.

Provide adequate ventilation.

Generally unnecessary in a well-ventilated area.

If ventilation is insufficient, respiratory protection must be worn.

NIOSH or European Standard EN 149 approved respirator.

Use suitable protective gloves that are resistant to chemical agents

in accordance with standard EN374.

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard

EN166.

Avoid skin contact. Wear suitable protective clothing.

After contact with the product, all parts of the body that have

been soiled must be washed.

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Do not eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

Avoid contact with skin. Wear apron or protective clothing.

Avoid discharging into drainage water. Only eliminate by authorised companies.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Clear liquid, colourless to pale yellow to brown yellow.

COLOUR:

Colourless to pale yellow to brown yellow.

ODOUR:

Characteristic.

RELATIVE DENSITY:

Approx. 0.930 @ 20°C

FLASH POINT (°C):

56.0

REFRACTIVE INDEX:

Approx. 1.475 @ 20°C

MELTING POINT (°C):

No additional data available.

BOILING POINT (°C):

No additional data available.

VAPOUR PRESSURE:

No additional data available.

SOLUBILITY IN WATER @20°C:

Insoluble in water.

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.
POSSIBLE HAZARDOUS REACTIONS:	Flammable liquid.
CONDITIONS TO AVOID:	Avoid any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) Avoid extreme heat and direct sunlight.
INCOMPATIBLE MATERIALS:	Avoid contact with strong acids, alkalis or oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not expected under normal temperature conditions and recommended use. The thermal decomposition may release/form: carbon monoxide and carbon dioxide.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not classified.
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:	Suspected of causing genetic defects.
CARCINOGENICITY:	Suspected of causing cancer.
REPRODUCTIVE TOXICITY:	Not classified.
STOT-SINGLE EXPOSURE:	Not classified.
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

ECOTOXICITY:	Toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	Toxic to aquatic life with long lasting effects.
BIOACCUMULATIVE POTENTIAL:	Toxic to aquatic life with long lasting effects.
MOBILITY IN SOIL:	Toxic to aquatic life with long lasting effects.
RESULTS OF PBT AND VPVB ASSESSMENT:	Toxic to aquatic life with long lasting effects.
PRECAUTIONS:	Do not allow product to enter streams, sewers or other waterways.

13: DISPOSAL CONSIDERATIONS

DISPOSAL 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 No. ROAD: 1169
UN No. SEA: 1169
UN No. AIR: 1169
PROPER SHIPPING NAME: UN 1169 EXTRACTS, AROMATIC, LIQUID,

TRANSPORT HAZARD CLASS(ES):

- ADR/RID/ADN CLASS: 3 Flammable Liquid
- IMDG CLASS: 3
- ICAO CLASS: 3



PACKING GROUP:

- ADR/RID/ADN PACKING GROUP: III
- IMDG PACKING GROUP: III
- ICAO PACKING GROUP: III

ENVIRONMENTAL HAZARDS: Environmentally Hazardous
Substance/Marine Pollutant



TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE: No additional data available.

15: REGULATORY INFORMATION

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

EU LEGISLATION: Workplace Exposure Limits EH40. CHIP for everyone HSG (108).
GUIDANCE: 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.



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16: OTHER INFORMATION

HAZARD AND/OR PRECAUTIONARY
STATEMENTS IN FULL

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.
H335 May cause respiratory irritation.
H341 Suspected of causing genetic defects.
H351 Suspected of causing cancer.
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.

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.