



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**SAFETY DATA SHEET**

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

PRODUCT NAME: **Elizabethan Fragrance**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **344**

IDENTIFIED USES: Concentrated material for manufacturing purposes only.

**2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

- PHYSICAL HAZARDS: Not Classified
- HEALTH HAZARDS: Skin Irrit. 2 - H315  
Eye Irrit. 2 - H319  
Skin Sens. 1 - H317
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 2 - H411

**LABEL ELEMENTS**

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

PRECAUTIONARY STATEMENTS:

**WARNING**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337+P313 If eye irritation persists: Get medical advice/ attention.





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**<1% CAMPHOR**

CAS number: 76-22-2	EC number: 200-945-0
Classification:	Flam. Liq. 3 - H226
	Acute Tox. 4 - H302
	Acute Tox. 4 - H332
	STOT SE 2 - H371

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**<1% PIN-2(3)-ENE (ALPHA-PINENES)**

CAS number: 80-56-8	EC number: 201-291-9
M factor (Acute):	1
M factor (Chronic):	1
Classification:	Flam. Liq. 3 - H226
	Skin Irrit. 2 - H315
	Skin Sens. 1B - H317
	Asp. Tox. 1 - H304
	Aquatic Acute 1 - H400
	Aquatic Chronic 1 - H410

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**<1% ALPHA-CEDRENE**

CAS number: 469-61-4	EC number: 207-418-4
M factor (Acute):	10
M factor (Chronic):	10
Classification:	Asp. Tox. 1 - H304
	Aquatic Acute 1 - H400
	Aquatic Chronic 1 - H410

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The Full Text for all Hazard Statements are Displayed in Section 16.

**4: FIRST AID MEASURES**

INHALATION:	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
INGESTION:	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
SKIN CONTACT:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.
EYE CONTACT:	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
GENERAL INFORMATION:	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.
NOTES FOR THE DOCTOR:	No specific recommendations.



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**5: FIREFIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA:

Extinguish with the following media: Foam, carbon dioxide or dry powder

SPECIFIC HAZARDS:

Toxic gases or vapours.

**ADVICE FOR FIREFIGHTERS**

- PROTECTIVE ACTIONS DURING FIREFIGHTING
- SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Containers close to fire should be removed or cooled with water.

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.

ENVIRONMENT PRECAUTIONS:

Do not discharge into drains or watercourses or onto the ground.

CLEANING UP METHODS FOR SPILLAGES:

Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

**7: HANDLING AND STORAGE**

USAGE PRECAUTIONS:

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.

OCCUPATIONAL HYGIENE:

Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

STORAGE PRECAUTIONS:

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.



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**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**OCCUPATIONAL EXPOSURE LIMITS**

**CAMPHOR**

LONG-TERM EXPOSURE LIMIT (8-HOUR TWA): WEL 2 PPM 13 MG/M<sup>3</sup>

SHORT-TERM EXPOSURE LIMIT (15-MINUTE): WEL 3 PPM 19 MG/M<sup>3</sup>

WEL = WORKPLACE EXPOSURE LIMIT

**PROTECTIVE EQUIPMENT:**



APPROPRIATE ENGINEERING CONTROLS:

EYE/FACE PROTECTION:

HAND PROTECTION:

OTHER SKIN AND BODY PROTECTION:

HYGIENE MEASURES:

RESPIRATORY PROTECTION:

ENVIRONMENTAL EXPOSURE CONTROLS:

Provide adequate ventilation.

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:

COLOUR:

ODOUR:

FLASH POINT °C:

SPECIFIC GRAVITY @ 20°C:

REFRACTIVE INDEX @ 20°C:

Liquid.

Colourless to pale yellow.

Characteristic.

81°

~ 0.978

~ 1.452

**10: STABILITY AND REACTIVITY**

STABILITY:

POSSIBILITY OF HAZARDOUS REACTIONS:

CONDITIONS TO AVOID:

MATERIALS TO AVOID:

HAZARDOUS DECOMPOSITION PRODUCTS:

Stable at normal ambient temperatures.

Will not polymerise.

Avoid heat, flames and other sources of ignition.

Strong oxidising agents. Strong acids. Strong alkalis.

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.



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**11: TOXICOLOGICAL INFORMATION**

EYE CONTACT: Causes serious eye irritation.  
SKIN CONTACT: Causes skin irritation. May cause an allergic skin reaction.

**12: ECOLOGICAL INFORMATION**

ECOTOXICITY: Toxic to aquatic life with long lasting effects.  
PERSISTENCE AND DEGRADABILITY: The product contains substances which are not expected to be biodegradable.  
BIOACCUMULATIVE POTENTIAL: The product does not contain any substances expected to be bioaccumulating.  
MOBILITY: The product is partly soluble in water and may spread in the aquatic environment.  
RESULTS OF PBT AND vPvB ASSESSMENT: This product does not contain any substances classified as PBT or vPvB.

**TOXICITY**

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**LIMONENE**

ACUTE AQUATIC TOXICITY

LE(C)<sub>50</sub>: 0.1 < L(E)C<sub>50</sub> ≤ 1  
M factor (Acute): 1

CHRONIC AQUATIC TOXICITY

M factor (Chronic): 1

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**HEXAMETHYLINDANOPYRAN**

ACUTE AQUATIC TOXICITY

LE(C)<sub>50</sub>: 0.1 < L(E)C<sub>50</sub> ≤ 1  
M factor (Acute): 1

CHRONIC AQUATIC TOXICITY

NOEC: 0.001 < NOEC ≤ 0.01  
Degradability: Rapidly degradable  
M factor (Chronic): 1

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**13: DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS: Dispose of waste product or used containers in accordance with local regulations



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**14: TRANSPORT INFORMATION**

UN No. (ADR/RID/IMDG/ICAO/ADN): 3082  
PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(ADR/RID/IMDG/ICAO/ADN): (CONTAINS ALPHACEDRENE, LIMONENE)

**TRANSPORT HAZARD CLASS(ES):**

- ADR/RID/ADN CLASS: 9
- ADR/RID/ADN CLASSIFICATION CODE: M6
- ADR/RID LABEL: 9
- IMDG CLASS: 9
- ICAO CLASS/DIVISION: 9
- ADN CLASS: 9



**PACKING GROUP:**

- ADR/RID/ADN PACKING GROUP: III
- IMDG PACKING GROUP: III
- ADN 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: Not applicable.

**SPECIAL PRECAUTIONS FOR USER**

EMS: F-A, S-F  
ADR TRANSPORT CATEGORY: 3  
EMERGENCY ACTION CODE: •3Z  
HAZARD IDENTIFICATION NUMBER (ADR/RID): 90  
TUNNEL RESTRICTION CODE: (E)

**15: REGULATORY INFORMATION**

EU LEGISLATION: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
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) (as amended).

GUIDANCE: Workplace Exposure Limits EH40.



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**16: OTHER INFORMATION**

KEY LITERATURE REFERENCES AND SOURCES FOR DATA

European Chemicals Agency, <http://echa.europa.eu/>

HAZARD 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.

H332 Harmful if inhaled.

H371 May cause damage to organs (Central nervous system, Kidneys) if swallowed.

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.