



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

## **SAFETY DATA SHEET**

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

PRODUCT NAME: Energise Aromatherapy Blend

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: 67

INCI: Juniperus virginiana wood oil, Cupressus sempervirens leaf oil, Pelargonium graveolens flower oil, Cymbopogon flexosous oil, Citrus auratifolia oil, Mentha arvensis leaf oil.

IDENTIFIED USES: Fragrances

### **2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flammable liquid, hazard category 3

Skin corrosion / irritation category 2

Eye damage / irritation category 1

Sensitization - skin category 1

Aspiration hazard category 1

Hazardous to the aquatic environment - acute hazard category 1

Hazardous to the aquatic environment - long-term hazard category 1

### **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.

H318, Causes serious eye damage.

H410, Very toxic to aquatic life with long lasting effects.

SUPPLEMENTAL INFORMATION:

EUH208, Contains Bisabolene, Eucalyptol, Menthone, Terpinolene, alpha-Pinene, beta-Pinene, d, l-Isomenthone, delta-3-Carene, dl-Citronellol. May produce an allergic reaction.

PRECAUTIONARY STATEMENTS:

P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

P233, Keep container tightly closed.

P240, Ground/bond container and receiving equipment.

P241, Use explosion-proof electrical, ventilating and lighting equipment.

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P242, Use only non-sparking tools.  
P243, Take precautionary measures against static discharge.  
P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing.  
Rinse skin with water/shower.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310, Immediately call a POISON CENTER or doctor/physician.  
P331, Do not induce vomiting.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
P391, Collect spillage.  
P403/235, Store in a well-ventilated place. Keep cool.  
P405, Store locked up.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

Name	CAS	EC	Percentage	Classification for (CLP) 1272/2008
Cedrol	77-53-2	201-035-6	10-<20%	EH C2; H411
l-.alpha.-Pinene	7785-26-4	232-077-3	10-<20%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1; H226-H304-H315-H317-H410
Citral	5392-40-5	226-394-6	5-<10%	SCI 2-EDI 2-SS 1B; H315-H317-H319
dl-Limonene (racemic)	138-86-3	205-341-0	5-<10%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1; H226-H304-H315-H317-H410
Cedrene	11028-42-5	234-257-7	5-<10%	AH 1-EH A1-EH C1; H304-H410,-
delta-3-Carene	13466-78-9	236-719-3	5-<10%	FL 3-SCI 2-SS 1B-AH1; H226-H304-H315-H317
dl-Citronellol	106-22-9	203-375-0	5-<10%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-

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Menthol	89-78-1	201-939-0	5-<10%	SCI 2-EDI 2; H315-H319
p-Menth-1-en-8-ol (S)	10482-56-1	233-986-8	1-<5%	SCI 2-EDI 2; H315-H319
Geraniol	106-24-1	203-377-1	1-<5%	SCI 2-EDI 1-SS 1; H315-H317-H318
p-Mentha-1,4-diene	99-85-4	202-794-6	1-<5%	FL 3-AH 1; H226-H304
Menthone	10458-14-7	233-944-9	1-<5%	SCI 2-SS 1B; H315-H317
Myrcene	123-35-3	204-622-5	1-<5%	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319
Linalool	78-70-6	201-134-4	1-<5%	SCI 2-EDI 2; H315-H319
4-Carvomenthenol	562-74-3	209-235-5	1-<5%	ATO 4-SCI 2-EDI 2; H302-H315-H319
Terpinolene	586-62-9	209-578-0	1-<5%	SS 1B-AH 1-EH A1-EHC1; H304-H317-H410
beta-Caryophyllene	87-44-5	201-746-1	0.1-<1%	AH 1; H304
alpha-Pinene	80-56-8	201-291-9	0.1-<1%	SCI 2-SS 1B-AH 1; H304-H315-H317,-
beta-Pinene	127-91-3	204-872-5	0.1-<1%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1; H226-H304-H315-H317-H410
p-Cymene	99-87-6	202-796-7	0.1-<1%	FL 3-AH 1-EH C2; H226-H304-H411
p-Mentha-1,3-diene	99-86-5	202-795-1	0.1-<1%	FL 3-ATO 4-AH 1-EHC2; H226-H302-H304-H411
d,l-Isomenthone	491-07-6	207-727-4	0.1-<1%	SCI 2-SS 1B; H315-H317
Camphene	79-92-5	201-234-8	0.1-<1%	FL 3-FS 2-EDI 2-EHA1-EH C1; H226-H228-H319-H410
alpha-Cedrene	469-61-4	207-418-4	0.1-<1%	AH 1-EH A1-EH C1; H304-H410,
Bisabolene	495-62-5	207-805-8	0.1-<1%	SCI 2-SS 1B-AH 1; H304-H315-H317
Eucalyptol	470-82-6	207-431-5	0.1-<1%	FL 3-SS 1B; H226-H317

THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.



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**4: FIRST AID MEASURES**

INGESTION:	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
SKIN CONTACT:	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
EYE CONTACT:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

**5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide, Dry chemical, Foam
SPECIAL MEASURES:	In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds
ADVICE FOR FIRE FIGHTERS:	In case of insufficient ventilation, wear suitable respiratory equipment.

**6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:	Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, surface and ground water, and soil.
CLEANING UP METHODS FOR SPILLAGES:	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

**7: HANDLING AND STORAGE**

HANDLING PRECAUTIONS:	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
STORAGE PRECAUTIONS:	Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYE/FACE PROTECTION:	Wear protective gloves/eye protection/face protection.
HAND PROTECTION:	Wear protective gloves.
RESPIRATORY PROTECTION:	Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

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**9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Mobile liquid
COLOUR:	Pale yellow, translucent
ODOUR:	Sharp, citrus, mint
FLASH POINT °C:	45
SPECIFIC GRAVITY @ 20°C:	~0.900
REFRACTIVE INDEX @ 20°C:	~1.479

**10: STABILITY AND REACTIVITY**

REACTIVITY:	Presents no significant reactivity hazard, by itself or in contact with water.
CHEMICAL STABILITY:	Good stability under normal storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Not expected under normal conditions of use.
CONDITIONS TO AVOID:	Avoid extreme heat.
INCOMPATIBLE MATERIALS:	Avoid contact with strong acids, alkalis or oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not expected.

**11: TOXICOLOGICAL INFORMATION**

INFORMATION ON TOXICOLOGICAL EFFECTS:	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).
SERIOUS EYE DAMAGE/IRRITATION:	Eye damage/irritation category 1
SKIN CORROSION/IRRITATION:	Skin corrosion/irritation category 2
ASPIRATION HAZARD:	Aspiration hazard category 1
RESPIRATORY OR SKIN SENSITISATION:	Sensitization - Skin Category 1
<b>ACUTE TOXICITY:</b>	Based on available data the classification criteria are not met.
- ACUTE TOXICITY ORAL:	>5000
- ACUTE TOXICITY DERMAL:	>5000
- ACUTE TOXICITY INHALATION:	Not available
GERM CELL MUTAGENICITY	Based on available data the classification criteria are not met.
CARCINOGENICITY:	Based on available data the classification criteria are not met.
REPRODUCTIVE TOXICITY:	Based on available data the classification criteria are not met.
STOT-SINGLE EXPOSURE:	Based on available data the classification criteria are not met.
STOT-REPEATED EXPOSURE:	Based on available data the classification criteria are not met.

**INFORMATION ABOUT HAZARDOUS INGREDIENTS IN THE MIXTURE:**

**4-CARVOMENTHENOL**

CAS: 562-74-3	EC: 209-235-5
LD50/ATE ORAL:	1300
LD50/ATE DERMAL	2500
LC50/ATE INHALATION	Not Available
LC50 ROUTE	Not Available



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**12: ECOLOGICAL INFORMATION**

ECOTOXICITY:	Very toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	Not available
BIOACCUMULATIVE POTENTIAL:	Not available
MOBILITY IN SOIL:	Not available
RESULTS OF PBT AND VPVB ASSESSMENT:	The substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**13: DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS:	Dispose of in accordance with local regulations. Avoid disposing into drainage systems an
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**14: TRANSPORT INFORMATION**

UN NUMBER:	UN1169
PROPER SHIPPING NAME:	Extracts, Aromatic, Liquid
TRANSPORT HAZARD CLASS(ES):	3



PACKING GROUP:	III
ENVIRONMENTAL HAZARDS:	This is an environmentally hazardous substance.



TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	Not applicable
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**15: REGULATORY INFORMATION**

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR PRODUCT:	None additional.
CHEMICAL SAFETY ASSESSMENT:	A Chemical Safety Assessment has not been carried out for this product.

**16: OTHER INFORMATION**

**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

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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.

KEY TO ABBREVIATIONS

AH 1 Aspiration Hazard Category 1

ATO 4 Acute Toxicity - Oral Category 4

EDI 1 Eye Damage / Irritation Category 1

EDI 2 Eye Damage / Irritation Category 2

EH A1 Hazardous to the Aquatic Environment - Acute Hazard Category 1

EH C1 Hazardous to the Aquatic Environment - Long-term Hazard Category 1

EH C2 Hazardous to the Aquatic Environment - Long-term Hazard Category 2

FL 3 Flammable Liquid, Hazard Category 3

FS 2 Flammable Solid, Hazard Category 2

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.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

P210 Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating and lighting equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing vapour or dust.

P264 Wash hands and other contacted skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/eye protection/face protection.

P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.

P302/352 IF ON SKIN: Wash with plenty of soap and water.

P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P330 Rinse mouth.

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P331 Do not induce vomiting.  
P332/313 If skin irritation occurs: Get medical advice/attention.  
P333/313 If skin irritation or rash occurs: Get medical advice/attention.  
P337/313 If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P363 Wash contaminated clothing before reuse.  
P370/378 In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
P391 Collect spillage.  
P403/235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.  
P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.  
SCI 2 Skin Corrosion / Irritation Category 2  
SS 1 Sensitization - Skin Category 1  
SS 1B Sensitization - Skin Category 1B