


AMPHORA AROMATICS
LIMITED
essential oils, skincare & aromatherapy products
SAFETY DATA SHEET

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

PRODUCT NAME: Chamomile Maroc Essential Oil

SUPPLIER: Amphora Aromatics Ltd, 36 Cotham Hill, Cotham, Bristol BS6 6LA

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 9

CAS NUMBER: 92202-02-3

EC NUMBER: 296-034-0

EINECS NUMBER: 296-034-0

INCI: Ormenis multicaulis oil.

IDENTIFIED USES: Cosmetics and fragrancing.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CAS: 92202-02-3

EC: 296-034-0

Physical hazards

Flammable liquid, Category 3 (Flam. Liq. 3, H226).

Health hazards

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Aspiration hazard, Category 1 (Asp. Tox. 1, H304).

Environmental hazards

Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).

Hazardous to the aquatic environment - Chronic hazard, Category 1 (Aquatic Chronic 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.

H318 Causes serious eye damage.

H410 Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

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



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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

P501 Dispose of contents/container to waste disposal facility licensed

CONTAINS

EC 201-291-9 ALPHA-PINENE

601-029-00-7 (R)-P-MENTHA-1,8-DIENE

EC 203-377-1 GERANIOL

EC 207-431-5 EUCALYPTOL

EC 204-262-9 BENZYL SALICYLATE

EC 203-341-5 GERANYL ACETATE

EC 204-872-5 B-PINENE

3: COMPOSITION/INFORMATION ON INGREDIENTS

Isononyl Acetate	10-50%
CAS NUMBER: 40379-24-6	EC NUMBER: 254-898-6
CLASSIFICATION	Skin Irrit. 2, H315 Aquatic Chronic 2, H411
Alpha Pinene	20-25%
CAS NUMBER: 80-56-8	EC NUMBER: 201-291-9
CLASSIFICATION	Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317.
(R)-P-Mentha-1,8-Diene	10-25%
CAS NUMBER: 5989-27-5	EC NUMBER: 227-291-9
CLASSIFICATION	Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317, Aquatic Acute 1, H400 M Acute = 1, Aquatic Chronic 1, H410, M Chronic = 1
Thujone	2.5-10%
CAS NUMBER: 546-80-5	EC NUMBER: -
CLASSIFICATION	Acute Tox. 4, H302
Eucalyptol	2.5-10%
CAS NUMBER: 470-82-6	EC NUMBER: 207-431-5
CLASSIFICATION	Flam. Liq. 3, H226 Skin Sens. 1B, H317
Geraniol	2.5-10%
CAS NUMBER: 106-24-1	EC NUMBER: 203-377-1
CLASSIFICATION	Eye Dam. 1, H318 Skin Irrit. 2, H315



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Skin Sens. 1, H317

Camphor L		<2.5%
CAS NUMBER: 76-22-2	EC NUMBER: 200-945-0	
CLASSIFICATION	Flam. Sol. 2, H228 Acute Tox. 4, H302 Acute Tox. 4, H332 STOT SE 2, H371	
Myrcene		<2.5%
CAS NUMBER: 123-35-3	EC NUMBER: 204-622-5	
CLASSIFICATION	Asp. Tox. 1, H304, Eye Irrit. 2, H319, Flam. Liq. 3, H226, Skin Irrit. 2, H315	
Benzyl Salicylate		<2.5%
CAS NUMBER: 118-58-1	EC NUMBER: 204-262-9	
CLASSIFICATION	Aquatic Chronic 2, H411, Skin Sens. 1, H317	
Geranyl Acetate		<2.5%
CAS NUMBER: : 105-87-3	EC NUMBER: 203-341-5	
CLASSIFICATION	Aquatic Chronic 2 - H411	
B-Pinene		<2.5%
CAS NUMBER: 127-91-3	EC NUMBER: 204-872-5	
CLASSIFICATION	Asp. Tox. 1, H304, Flam. Liq. 3, H226, Skin Irrit. 2, H315, Skin Sens. 1, H317	
Camphene		<2.5%
CAS NUMBER: 79-92-5	EC NUMBER: 201-234-8	
CLASSIFICATION	Eye Irrit. 2, H319, Aquatic Acute 1, H400 M Acute = 1, Aquatic Chronic 1, H410 M Chronic = 1	

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



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4: FIRST AID MEASURES

INHALATION	No additional data available.
INGESTION	<p>Do not give the patient anything orally.</p> <p>In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.</p> <p>Seek medical attention immediately, showing the label.</p> <p>If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.</p>
SKIN CONTACT	<p>Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.</p> <p>Watch out for any remaining product between skin and clothing, watches, shoes, etc.</p> <p>In the event of an allergic reaction, seek medical attention.</p> <p>If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.</p>
EYE CONTACT	<p>Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.</p> <p>Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.</p>
GENERAL INFORMATION	No additional data available
NOTES FOR THE DOCTOR	No additional data available

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Keep packages near the fire cool, to prevent pressurised containers from bursting.
SPECIAL MEASURES:	Keep packages near the fire cool, to prevent pressurised containers from bursting.
EXTINGUISHING PROCEDURES:	<p>Prevent the effluent of fire-fighting measures from entering drains or waterways.</p> <p>Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.</p> <p>A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.</p> <p>Do not breathe in smoke.</p> <p>In the event of a fire, the following may be formed :</p> <ul style="list-style-type: none">- carbon monoxide (CO)- carbon dioxide (CO₂).

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Avoid any contact with the skin and eyes
ENVIRONMENT PRECAUTIONS:	<p>Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.</p> <p>Prevent any material from entering drains or waterways.</p>



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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:

Clean preferably with a detergent, do not use solvents.



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7: HANDLING AND STORAGE

USAGE PRECAUTIONS

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Remove contaminated clothing and protective equipment before entering eating areas.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention:

Handle in well-ventilated areas.

Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits.

Never inhale this mixture.

Prevent the accumulation of electrostatic charges with connections to earth.

The mixture can become electrostatically charged: always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically conductive.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture at all times.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

Never open the packages under pressure.

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.

STORAGE PRECAUTIONS



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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



APPROPRIATE ENGINEERING CONTROLS

Provide adequate ventilation.

EYE/FACE PROTECTION

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes.
Before handling, wear safety goggles in accordance with standard EN166.

HAND PROTECTION

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Recommended properties:

- Impervious gloves in accordance with standard EN374.

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.

Avoid skin contact.

Wear suitable protective clothing

Suitable type of protective clothing:

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 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 soiled must be washed.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

For high concentrations use respiratory equipment.

No additional data available.

HYGIENE MEASURES

RESPIRATORY PROTECTION

ENVIRONMENTAL EXPOSURE CONTROLS



9: PHYSICAL AND CHEMICAL PROPERTIES

COLOUR	Yellow-green to yellow-brown
APPEARANCE	Liquid
ODOUR	Characteristic
FLASH POINT °C	56 °C
SPECIFIC GRAVITY @ 20°C:	~ 0.895
REFRACTIVE INDEX @ 20°C	~1.460
SOLUBILITY IN WATER @20 °C	Insoluble in water.

10: STABILITY AND REACTIVITY

REACTIVITY:	No additional data available.
DECOMPOSITION:	The thermal decomposition may release/form: - carbon monoxide (CO) - carbon dioxide (CO ₂).
CONDITINS TO AVOID	Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises. Avoid: - accumulation of electrostatic charges. - heating - heat - flames and hot surfaces

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Acute toxicity :
BENZYL SALICYLATE (CAS: 118-58-1)
Oral route: LD50 = 2200 mg/kg.

CAMPHOR L(XN68)=10% X (CAS: 76-22-2)
Oral route : LD50 = 1500 mg/kg

EUCALYPTOL (CAS: 470-82-6)
Oral route : LD50 = 2480 mg/kg

GERANIOL (CAS: 106-24-1)
Oral route: LD50 = 4200 mg/kg

THUJONE (CAS: 546-80-5)
Oral route: LD50 = 500 mg/kg

ALPHA-PINENE (CAS: 80-56-8)
Oral route: LD50 = 3700 mg/kg

ISONONYL ACETATE (ISOMER UNSPECIFIED) (CAS: 40379-24-6)
Oral route : LD50 = 4250 mg/kg



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SKIN CORROSION / IRRITATION	May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.
SERIOUS EYE DAMAGE / IRRITATION	May cause an allergic reaction by skin contact. May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days. Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.
RESPIRATORY OR SKIN SENSITISATION	May cause an allergic skin reaction.
GERM CELL MUTAGENICITY	No additional data available.
CARCINOGENICITY	CAS 5989-27-5: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.
REPRODUCTIVE TOXICITY	No additional data available.
STOT-SINGLE EXPOSURE	No additional data available.
STOT-REPEATED EXPOSURE	No additional data available.
ASPIRATION HAZARD	Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
PHOTO-TOXICITY	No additional data available.
OTHER INFORMATION	No additional data available.

12: ECOLOGICAL INFORMATION

ECOTOXICITY	Very toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways. No aquatic toxicity data available for the
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	No additional data available.
PRECAUTIONS	No additional data available.

13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC. Do not pour 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.
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Give to a certified disposal contractor.

14: TRANSPORT INFORMATION

UN No. 1169
PROPER SHIPPING NAME UN1169= EXTRACTS, AROMATIC, LIQUID.
TRANSPORT HAZARD CLASS(ES) 3



PACKING GROUP III
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT
SUBSTANCE/MARINE POLLUTANT



SPECIAL PRECAUTIONS FOR USER

ADR/RID

Class	Code	Pack Gr	Label Ident	LQ	Provis	EQ	Cat	Tunnel
3	F1	III	3 30	5 L	601	E1	3	D/E
IMDG								
Class	2° Label	Pack Gr	LQ	EMS	Provis	EQ		
3	-	III	5 L	F-E, S-D	223 955	E1		
IATA								
Class	2° Label	Pack Gr	Passager	Passager	Cargo	Cargo	note	EQ
3	-	III	355	60 L	366	220 L	A3	E1
3	-	III	Y344	10 L	-	-	A3	E1

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.
For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

TRANSPORT IN BULK ACCORDING
TO ANNEX II OF MARPOL73/78
AND THE IBC CODE

15: REGULATORY INFORMATION

SAFETY, HEALTH AND
ENVIRONMENTAL
REGULATIONS/LEGISLATION SPECIFIC
FOR THE SUBSTANCE OR MIXTURE
EU LEGISLATION

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

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



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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.

GUIDANCE

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

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. H318 Causes serious eye damage. 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. H412 Harmful to aquatic life with long lasting effects.
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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.