



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**SAFETY DATA SHEET**

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

PRODUCT NAME: **COSMOS Organic Chamomile Roman Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **261**

CAS NUMBER: 84649-86-5/8015-92-7

EC NUMBER: 283-467-5

INCI: *Anthemis Nobilis* Flower Oil

BIOLOGICAL DEFINITION: *Anthemis nobilis* flower oil is the volatile oil distilled from the dried flower heads of the roman chamomile, *Anthemis nobilis* L., Asteraceae.

**2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

- PHYSICAL HAZARDS: H226 Flammable Liquid and Vapour.
- HEALTH HAZARDS: 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.
- ENVIRONMENTAL HAZARDS: H411 Toxic to Aquatic Life with Long Lasting Effects.

**LABEL ELEMENTS**

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

WARNING

- H226 Flammable Liquid and Vapour.
- H302 Harmful If Swallowed.
- H304 May Be Fatal If Swallowed and Enters Airways.
- H315 Causes Skin Irritation.
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- 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. P273 Avoid Release to The Environment. P280 Wear Protective Gloves/ Protective Clothing/ Eye Protection/ Face Protection. P301+P310 If Swallowed: Immediately Call A Poison Centre/ Doctor. P331 Do Not Induce Vomiting. P302+P352 If on Skin: Wash with Plenty of Water. P233 Keep Container Tightly Closed. P240 Ground/ Bond Container and Receiving Equipment. P241 Use Explosion-Proof Electrical Equipment. P242 Use Only Non-Sparking Tools. P243 Take Precautionary Measures Against Static Discharge. P303+P361+P353 If on Skin (Or Hair): Take Off Immediately All Contaminated Clothing. Rinse Skin with Water/ Shower. P370+P378 In Case of Fire: Use Foam, Carbon Dioxide, Dry Powder or Water Fog to Extinguish. P391 Collect Spillage. P403+P235 Store in A Well-Ventilated Place. Keep Cool. P405 Store Locked Up. P501 Dispose of Contents/ Container in Accordance with National Regulations.
CONTAINS:	PIN-2(3)-ENE, BETA PINENE.

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

**2.5 – 10.0% ISOBUTYL BUTYRATE**

CAS NUMBER: 539-90-2	EC NUMBER: 208-729-8
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3, H226

**2.5 – 10.0% ISOAMYL ISOBUTYRATE**

CAS NUMBER: 2050-01-3	EC NUMBER: 218-078-1
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 - H226

**2.5 - 10.0% PIN-2(3)-ENE**

CAS NUMBER: 80-56-8	EC NUMBER: 201-291-9
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317

**7.58%  $\beta$  - Pinene**

CAS NUMBER: 127-91-3	EC NUMBER: 20-872-5
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 Skin Irrit. 2 - H315 Skin Sens. 1 - H317

The full text for all hazard statements is displayed in Section 16.



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**4: FIRST AID MEASURES**

INHALATION:	Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
INGESTION:	Get medical attention immediately. Immediately call the poison centre or doctor. Rinse mouth with water and obtain medical attention.
SKIN CONTACT:	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
EYE CONTACT:	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
GENERAL INFORMATION:	Always remove contaminated clothing immediately.
NOTES FOR THE DOCTOR:	Treat symptomatically. Observe risk of aspiration if vomiting occurs.

**5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:	Foam, CO <sub>2</sub> , Dry Chemical Powder.
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:	Burning produces irritating, toxic and obnoxious fumes.
ADVICE FOR FIREFIGHTERS:	Wear positive pressure self-contained breathing apparatus (scuba) and appropriate protective clothing.

**6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation.
ENVIRONMENT PRECAUTIONS:	Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.
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. Cover with any inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

**7: HANDLING AND STORAGE**

USAGE PRECAUTIONS:	Handle in accordance with good hygiene and safety practice. Keep away from heat, sparks, open flames and hot surfaces. - no smoking. Use personal protective equipment as required.
OCCUPATIONAL HYGIENE:	Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.
STORAGE PRECAUTIONS:	Flammable liquid. Store only in the original receptacle. Keep container tightly sealed. Keep in cool, dry, ventilated storage and closed containers. Keep away from heat.



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**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS:

Ensure work area is well ventilated. Provide Safety shower and eye bath.

EYE/FACE PROTECTION:

Wear eye/face protection. (EN166)

HAND PROTECTION:

Avoid contact with skin. Wash hands before breaks and at end of work. Wear protective gloves. DIN/EN374. The glove material has to be impermeable and resistant to the product.

OTHER SKIN AND BODY PROTECTION:

Wear protective clothing to reduce the risk of skin and eye contact.

HYGIENE MEASURES:

Good personal hygiene practises are always advisable, especially when working with chemicals including oils.

RESPIRATORY PROTECTION:

Do not inhale gases/fumes/aerosols. Certified respiratory protective device recommended.

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid discharging into drainage water.

PERSONAL PROTECTION:

Use personal protection according to directive 89/686/EEC.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:

Slightly viscous liquid.

COLOUR:

Light Blue to Blueish Green

ODOUR:

Characteristic

FLASH POINT °C:

52°C

SPECIFIC GRAVITY @ 20°C:

0.892 – 0.910

REFRACTIVE INDEX @ 20°C:

1.44 – 1.45

SOLUBILITY IN WATER @ 20°C

Insoluble in water.

**10: STABILITY AND REACTIVITY**

REACTIVITY:

Not applicable.

CHEMICAL STABILITY:

Stable under suggested storage conditions (<15°C).

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

None under normal processing.

CONDITIONS TO AVOID:

Storage at high temperatures. Do not store above 15°C. Avoid heat, flames and other sources of ignition.

INCOMPATIBLE MATERIALS:

Avoid concentrated acids, alkalis & oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes, smoke and carbon monoxide.



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**11: TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY:	No data.
Skin Irritation:	No data.
Eye Damage or Irritation:	No data.
Respiration or Skin Sensitivity:	No data.
Germ Cell Mutagenicity:	No data.
Carcinogenicity:	No data.
Reproductive Toxicity:	No data.
STOT – Single Exposure:	No data.
STOT – Repeated Exposure:	No data.
Aspiration Hazard:	No data.
Other Information:	The product shows the following dangers according to the calculation method of the general EU Classification Guidelines for preparations as issued in the latest version: Irritant.

**12: ECOLOGICAL INFORMATION**

TOXICITY:	No Data.
PERSISTENCE AND DEGRADABILITY:	No Data.
BIOACCUMULATIVE POTENTIAL:	No Data.
MOBILITY IN SOIL:	No Data.
RESULTS OF PBT AND vPvB ASSESSMENT:	No Data.
PRECAUTIONS:	No Data.

**13: DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS:	Always recover spilled product. Discard waste material with authorised waste management services. Act in accordance with local & national waste regulations.
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**14: TRANSPORT INFORMATION**

UN No. (ROAD/SEA/AIR):	UN1169
PROPER SHIPPING NAME:	Extracts, Aromatic, Liquid.
<b>TRANSPORT HAZARD CLASS(ES):</b>	
- ADR/RID/ADN CLASS:	3 Flammable Liquid.
- IMDG CLASS:	3 Flammable Liquid.
- ICAO CLASS:	3 Flammable Liquid.



<b>PACKING GROUP:</b>	
- ADR/RID/ADN PACKING GROUP:	III
- IMDG PACKING GROUP:	III
- ICAO PACKING GROUP:	III

ENVIRONMENTAL HAZARDS:	Environmentally hazardous/ marine pollutant.
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<b>SPECIAL PRECAUTIONS FOR USER:</b>	
- WARNING:	Flammable liquids.
- DANGER CODE (KEMLER):	30
- EMS NUMBER:	F-E

SDS: 261 COSMOS Organic Chamomile Roman Essential Oil

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director – Date: 10/12/2020 - Version: 3



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

**ADR**

- LIMITED QUANTITIES (LQ): 5L
- EXCEPTED QUANTITIES (EQ) CODE: E1
- MAXIMUM NET QUANTITY PER INNER PACKAGING: 30ml
- MAXIMUM NET QUANTITY PER OUTER PACKAGING: 1000ml
- TRANSPORT CATEGORY: 3
- TUNNEL RESTRICTION CODE: D/E

**IMDG**

- LIMITED QUANTITIES (LQ): 5L
- EXCEPTED QUANTITIES (EQ) CODE: E1
- MAXIMUM NET QUANTITY PER INNER PACKAGING: 30ml
- MAXIMUM NET QUANTITY PER OUTER PACKAGING: 1000ml

**15: REGULATORY INFORMATION**

STATUTORY INSTRUMENTS:

The Chemicals (Hazard Information & Packaging for Supply) Regulations 2009 (S.I.2009 NO 716).

EU LEGISLATION:

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (reach), establishing a European Chemicals Agency, amending directive 1999/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).

GUIDANCE:

Workplace Exposure Limits EH40. Chip for Everyone HSG 108.



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**16: OTHER INFORMATION**

**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.  
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.