



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: **Rosemary Organic Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **272**

CAS NUMBER: 84604-14-8/8000-25-7

EC NUMBER: 283-291-9

INCI: *Rosemary officinalis* Leaf Oil.

BIOLOGICAL DEFINITION: *Rosmarinus officinalis* leaf oil is the essential oil obtained from the flowering tops and leaves of the rosemary, *rosmarinus officinalis* L., *lamiaceae*.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Flam. Liq. 3. - H226
- HEALTH HAZARDS: Asp. Tox. 1. – H304
Skin Irrit. 2. - H315
Skin Sens. 1. - H317
Stot SE 2. - H371
- ENVIRONMENTAL HAZARDS: 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.
H371 May Cause Damage to Organs (If Swallowed).
H410 Very Toxic to Aquatic Life with Long Lasting Effects. .

PRECAUTIONARY STATEMENTS:

P501 Dispose of Contents in Accordance with Local, State or National Legislation.
P261 Avoid Breathing Dust/Fume/Gas/Mist/Vapours/Spray.
P321 Specific Treatment (See Medical Advice on This Label).
P333+P313 If Skin Irritation or Rash Occurs: Get Medical Advice/Attention.
P362+P364 Take Off Contaminated Clothing. And Wash It Before Reuse.
P302+P352 If on Skin: Wash with Plenty of Water.
P308+P311 If Exposed or Concerned: Call A Poison Centre/Doctor.

SDS: **272 Rosemary Organic Essential Oil**

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director – Date: 24/01/2020 - Version: 2



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SUPPLEMENTARY PRECAUTIONARY
STATEMENTS
CONTAINS:

P273 Avoid Release to The Environment.
P391 Collect Spillage.
P264 Wash Hands and Exposed Skin Thoroughly After Handling.
P332+P313 If Skin Irritation Occurs: Get Medical Advice/Attention
Alpha-Pinene, Beta-Pinene, Beta-Caryophyllene, Myrcene

3: COMPOSITION/INFORMATION ON INGREDIENTS

45.0 – 55.0% 1,8- Cineole

CAS NUMBER: 470-82-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 207-431-5

Flam. Liq. 3 - H226

Skin Sens. 1 - H317

10.0 - 15.0 % 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. 1 – H317

Aquatic Acute 1 – H400

Aquatic Chronic 1 H410

10.0 – 15.0% Camphor

CAS NUMBER: 76-22-2

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 200-945-0

Flam. Sol. 2 – H228

Acute Tox. 4 H332

Stot Se 2 – H371

5.0 – 10.0% 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. 1 – H317

Aquatic Acute 1 – H400

Aquatic Chronic 1 H410

<0.4 %Limonene

CAS NUMBER: 5989-54-8

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 227-815-6

Flam. Liq. 3 – H226

Skin Irrit. 2 – H315

Skin Sens. 1 – H317

Aquatic Acute 1 – H400

Aquatic Chronic 1 - H410

1.0 – 5.0% Camphene

CAS NUMBER: 79-92-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-234-8

Flam. Sol. 1 – H228

Eye Irrit. 2 – H319

Aquatic Acute 1 – H400

Aquatic Chronic 1 - H410



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1.0 – 5.0% Beta-Caryophyllene

CAS NUMBER: 87-44-5

EC NUMBER: 201-746-1

CLASSIFICATION (EC 1272/2008):

Asp. Tox. 1 – H304

1.0 – 5.0% Borneol

CAS NUMBER: 507-70-0

EC NUMBER: 208-080-0

CLASSIFICATION (EC 1272/2008):

Flam. Sol. 2 - H228

1.0 – 5.0% Alpha - Terpineol

CAS NUMBER: 98-55-5

EC NUMBER: 202-622-5

CLASSIFICATION (EC 1272/2008):

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

1.0 – 5.0% Myrcene

CAS NUMBER: 123-35-3

EC NUMBER: 204-622-5

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3 - H226

Asp. Tox. 1 – H304

Skin Irrit. 2 – H315

Skin Sens. 1B – H317

Eye Irrit. 2 – H319

Aquatic Acute 1 – H400

Aquatic Chronic 1 - H410

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

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. 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.

MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED):

- INHALATION:

May cause coughing and difficulties in breathing.

- INGESTION:

Irritating to the respiratory tract and may cause damage to the central nervous system.

- SKIN CONTACT:

Toxic in contact with skin.

- EYE CONTACT:

May cause eye irritation.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:

Foam, CO₂, 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.



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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.

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.

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:

Keep the product container tightly closed, in a dry, ventilated area. Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

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.

HAND PROTECTION:

Wear protective gloves.

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:

No data.

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid discharging into drainage Water.

PERSONAL PROTECTION:

Avoid inhalation of the product. Avoid contact with skin and eyes.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Clear Liquid.

COLOUR:

Colourless to Pale Yellow.

ODOUR:

Characteristic, Rosemary.

FLASH POINT °C:

43°C

SPECIFIC GRAVITY @ 20°C:

0.900 – 0.920

REFRACTIVE INDEX @ 20°C:

1.460 – 1.475

SOLUBILITY IN WATER @ 20°C

No data

SDS: 272 Rosemary Organic Essential Oil

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10: STABILITY AND REACTIVITY

REACTIVITY:	No hazardous reactions if stored and handled as prescribed/indicated.
CHEMICAL STABILITY:	Stable under suggested storage conditions (<15°C).
POSSIBILITY OF HAZARDOUS REACTIONS:	No.
CONDITIONS TO AVOID:	Storage at high temperatures. Do not store above 15°C.
INCOMPATIBLE MATERIALS:	Strong oxidising substances.
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.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	No data.
SKIN IRRITATION:	Causes skin irritation.
EYE DAMAGE OR IRRITATION:	No data.
RESPIRATION OR SKIN SENSITIVITY:	No data.
GERM CELL MUTAGENICITY:	No data.
CARCINOGENICITY:	Monograph(s) from the IARC (International Agency for Research on Cancer): CAS 5989-27-5: IARC Group 3: the agent is not classifiable as to its carcinogenicity to humans.
REPRODUCTIVE TOXICITY:	Not applicable
STOT – SINGLE EXPOSURE:	No data.
STOT – REPEATED EXPOSURE:	Not applicable
ASPIRATION HAZARD:	May be fatal if enters airways.
OTHER INFORMATION:	No data.

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:	Do not allow product to enter streams, sewers or other waterways.

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

TRANSPORT HAZARD CLASS(ES):

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



PACKING GROUP:

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

ENVIRONMENTAL HAZARDS: Environmentally hazardous/
marine pollutant.



SPECIAL PRECAUTIONS FOR USER:

- EMS F-E, S-D
- EMERGENCY ACTION CODE: F1
- HAZARD NO. (ADR): 90 Environmentally hazardous substance.
- TUNNEL RESTRICTION CODE: (D/E)

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE: Packed and transferred according to transport regulations.

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.
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.
H319 Causes Serious Eye Irritation.
H371 May Cause Damage to Organs.
H400 Very Toxic to Aquatic Life.
H410 Very 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.