



**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 Pine Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **293**

CAS NUMBER: 8023-99-2 / 84012-35-1

EC NUMBER: 281-679-2

INCI: *Pinus Sylvestris* Leaf Oil

BIOLOGICAL DEFINITION: *PINUS SYLVESTRIS* LEAF OIL IS THE VOLATILE OIL OBTAINED FROM THE NEEDLES OF THE SCOTCH PINE, *PINUS SYLVESTRIS L., PINACEAE*

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. 1B – H317.
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 2 – H411

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.
H411 Toxic to Aquatic Life with Long Lasting Effects.

PRECAUTIONARY STATEMENTS:

P210 Keep Away From Heat, Hot Surfaces, Sparks, Open Flames And Other Ignition Sources. No Smoking.
P261 Avoid Breathing Vapour/ Spray.
P273 Avoid Release To The Environment.
P280 Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection.
P301+P310 If Swallowed: Immediately Call A Poison Center/Doctor/Physician.
P331 Do Not Induce Vomiting.

SDS: **263 COSMOS Organic Eucalyptus Essential Oil**

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



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P501 Dispose Of Contents/Container In Accordance With
Local/Regional/National/International Regulations



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SUPPLEMENTARY PRECAUTIONARY
STATEMENTS:

P233 Keep Container Tightly Closed.
P240 Ground And Bond Container And Receiving Equipment.
P241 Use Explosion-Proof Electrical Equipment.
P242 Use Non-Sparking Tools.
P243 Take Action To Prevent Static Discharges.
P264 Wash Contaminated Skin Thoroughly After Handling.
P272 Contaminated Work Clothing Should Not Be Allowed Out Of The Workplace.
P302+P352 If On Skin: Wash With Plenty Of Water.
P303+P361+P353 If On Skin (Or Hair): Take Off Immediately All Contaminated Clothing.
Rinse Skin With Water Or Shower.
P321 Specific Treatment (See Medical Advice On This Label).
P332+P313 If Skin Irritation Occurs: Get Medical Advice/ Attention.
P333+P313 If Skin Irritation Or Rash Occurs: Get Medical Advice/ Attention.
P362+P364 Take Off Contaminated Clothing And Wash It Before Reuse.
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.
ALPHA-PINENE, BETA-PINENE, D-LIMONENE, DELTA-3-CARENE,
MYRCENE

CONTAINS:

3: COMPOSITION/INFORMATION ON INGREDIENTS

30 - 60% 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

3 - 25% BETA-PINENE

CAS NUMBER: 127-91-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-872-5

Flam. Liq. 3 - H226

Skin Irrit 2 – H315

Asp Tox. 1 – H304

Skin Sens. 1 – H317

Aquatic Acute 1 – H400

Aquatic Chronic 1 – H410

4 - 15% D-LIMONENE

CAS NUMBER: 5989-27-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 227-813-5

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

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Aquatic Acute 1 – H400
Aquatic Chronic 1 – H410

2 - 20% DELTA-3-CARENE

CAS NUMBER: 13466-78-9
CLASSIFICATION (EC 1272/2008):

EC NUMBER: 236-719-3
Flam. Liq. 3 - H226
Asp. Tox. 1 - H304
Skin Irrit. 2 - H315
Skin Sens. 1 - H317
Aquatic Chronic 3 - H412

1.5 – 10% MYRCENE

CAS NUMBER: 123-35-3
CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-322-5
Flam. Liq. 3 - H226
Asp. Tox. 1 - H304
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Aquatic Acute 1 – H400
Aquatic Chronic 1 – H410

≤ 7.5% 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

≤ 4% ALPHA-TERPINOLENE

CAS NUMBER: 586-62-9
CLASSIFICATION (EC 1272/2008):

EC NUMBER: 209-578-0
Asp. Tox. 1 - H304
Skin Sens. 1B - H317
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.
NOTES FOR THE DOCTOR:	Treat symptomatically. Observe risk of aspiration if vomiting occurs.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED: Foam, CO₂, Dry Chemical Powder.

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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).



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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. 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. (EN166)

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:

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

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:

Liquid.

COLOUR:

Colourless - Pale Yellow

ODOUR:

Characteristic

FLASH POINT °C:

37°C

SPECIFIC GRAVITY @ 20°C:

0.865

REFRACTIVE INDEX @ 20°C:

1.472

SOLUBILITY IN WATER @ 20°C

Insoluble in water.



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10: STABILITY AND REACTIVITY

REACTIVITY:	Not applicable.
CHEMICAL STABILITY:	Stable under suggested storage conditions (<15°C). Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS: CONDITIONS TO AVOID:	None under normal processing. Storage at high temperatures. Avoid heat, flames and other sources of ignition.
INCOMPATIBLE MATERIALS:	Oxidisers.
HAZARDOUS DECOMPOSITION PRODUCTS:	This product does not decompose under normal conditions. Thermal decomposition may release/form oxides of carbon (Carbon Monoxide, Carbon Dioxide) and other toxic gases.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not classified as acutely toxic. Harmful if swallowed.
Skin Irritation:	Causes skin irritation.
Eye Damage or Irritation:	No data.
Respiration or Skin Sensitivity:	May cause an allergic skin reaction.
Germ Cell Mutagenicity:	No data.
Carcinogenicity:	No data.
Reproductive Toxicity:	No data.
STOT – Single Exposure:	No data.
STOT – Repeated Exposure:	No data.
Aspiration Hazard:	May be fatal if swallowed and enters airways.
Other Information:	No data.

12: ECOLOGICAL INFORMATION

TOXICITY:	The clp additivity calculation classifies product as aquatic acute 1; H400 - very toxic to aquatic life Aquatic chronic 1; H410 - very toxic to aquatic life with long lasting effects. However based on reach data product is classified as aquatic chronic 2; H411 - toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	Considered as readily biodegradable based on its ready biodegradability.
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:	Do not allow entry into drains or waterways. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
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14: TRANSPORT INFORMATION

UN No. (ROAD/SEA/AIR): UN1272
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:

- EMERGENCY ACTION CODE: 3Y
- HAZARD No. (ADR): 30 Flammable liquid (Flash-point 23 °C and 60°C, inclusive)
- EMS NUMBER: F-E, S-D

TRANSPORT IN BULK ACCORDING TO ANNEX II
OF MARPOL73/78 AND THE IBC CODE: None.

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.
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.