



**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 LimeEssential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **263**

CAS NUMBER: 8008-26-2 / 90063-52-8

EC NUMBER: 290-010-3

INCI: *Citrus Aurantifolia Oil*

BIOLOGICAL DEFINITION: *CITRUS AURANTIFOLIA OIL* IS THE VOLATILE OIL OBTAINED FROM THE FRUITS OF THE LIME, *CITRUS AURANTIFOLIA*, *RUTACEAE*.

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.
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 2 – H411

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

H226 Flammable Liquid and Vapour.
H315 Causes Skin Irritation.
H304 May Be Fatal If Swallowed and Enters Airways.
H317 May Cause an Allergic Skin Reaction.
H411 Toxic to Aquatic Life with Long Lasting Effects.

PRECAUTIONARY STATEMENTS:

P202 Do Not Handle Until All Safety Precautions Have Been Read And Understood.
P261 Avoid Breathing Vapour/ Spray.
P273 Avoid Release To The Environment.
P302+P352 If On Skin: Wash With Plenty Of Water.
P501 Dispose Of Contents/ Container In Accordance With National Regulations.

SDS: **290 COSMOS Organic Lime Essential Oil**

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



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SUPPLEMENTARY PRECAUTIONARY
STATEMENTS:

CONTAINS: (R)-P-MENTHA-1,8-DIENE, PIN-2-(10) ENE, CITRAL, 2-PINENE, 6-METHYL-
2-(4-
METHYLCYCLOHEX-3-ENYL)HEPT-2 5-DIENE

3: COMPOSITION/INFORMATION ON INGREDIENTS

30-60% (R)-P-MENTHA-1,8-DIENE

CAS NUMBER: 5989-27-5	EC NUMBER: 227-813-5
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3, H226 Asp. Tox. 1 - H304 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 1 – H410

5-10% PIN-2-(10) ENE

CAS NUMBER: 127-91-3	EC NUMBER: 204-872-5
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 - H226 Skin Irrit 2 – H315 Asp Tox. 1 – H304 Skin Sens. 1 – H317 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410

5-10% CITRAL

CAS NUMBER: 5392-40-5	EC NUMBER: 226-394-6
CLASSIFICATION (EC 1272/2008):	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Eye Irrit. 2 - H319

1-5% 2-PINENE

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 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410



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**1-5% 6-METHYL-2-(4-METHYLCYCLOHEX-3-
ENYL)HEPT-2 5- DIENE**

CAS NUMBER: 17627-44-0

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 241-610-9

Asp. Tox. 1 - H304

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

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 if symptoms persist.
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.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Foam, CO ₂ , 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.
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. Keep 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:

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

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:

Green – Dark Green.

ODOUR:

Characteristic

FLASH POINT °C:

43°C

SPECIFIC GRAVITY @ 25°C:

0.867

REFRACTIVE INDEX @ 20°C:

1.479 – 1.485

SOLUBILITY IN WATER @ 20°C

No Data.



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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:	None under normal processing.
CONDITIONS TO AVOID:	Storage at high temperatures. Avoid exposure to direct sunlight.
INCOMPATIBLE MATERIALS:	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.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Oral.
Skin Irritation:	May cause skin irritation.
Eye Damage or Irritation:	May cause temporary eye irritation.
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. Gas or vapour in high concentrations may irritate the respiratory system.
Other Information:	No data.

12: ECOLOGICAL INFORMATION

TOXICITY:	Very toxic to aquatic life with long lasting effects. The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatics environment.
PERSISTENCE AND DEGRADABILITY:	No data.
BIOACCUMULATIVE POTENTIAL:	No data.
MOBILITY IN SOIL:	No data.
RESULTS OF PBT AND VPVB ASSESSMENT:	This Substance Does Not Meet The PBT/vPvB Criteria Of Reach, Annex Xiii.
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.

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.
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.