



**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 Basil Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **276**

CAS NUMBER: 8015-73-4/84775-71-3

EC NUMBER: 283-900-8

INCI: *Ocimum Basilicum* Flower Oil

BIOLOGICAL DEFINITION: *Ocimum basilicum* oil is the volatile oil obtained from the leaves of the basil, *ocimum basilicum* L., *labiatae*.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Not classified.
- HEALTH HAZARDS: Acute Toxicity - Oral Category 4 - (H302)
Skin Corrosion/Irritation Category 2 - (H315)
Serious Eye Damage/Eye Irritation Category 2 - (H319)
Skin Sensitization Category 1 - (H317)
Germ Cell Mutagenicity Category 2 - (H341)
Carcinogenicity Category 2 - (H351)
- ENVIRONMENTAL HAZARDS: Not classified.

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

WARNING

- H302 - Harmful If Swallowed
- H315 - Causes Skin Irritation
- H317 - May Cause an Allergic Skin Reaction
- H319 - Causes Serious Eye Irritation
- H341 - Suspected of Causing Genetic Defects
- H351 - Suspected of Causing Cancer
- H412 - Harmful to Aquatic Life with Long Lasting Effects.

SDS: **276 COSMOS Organic Basil Essential Oil**

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



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PRECAUTIONARY STATEMENTS:	P280 - Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection P301 + P310 - If Swallowed: Immediately Call A Poison Centre or Doctor/Physician P302 + P352 - If on Skin: Wash with Plenty of Soap and Water P333 + P313 - If Skin Irritation or Rash Occurs: Get Medical Advice/Attention P308 + P313 - If Exposed or Concerned: Get Medical Advice/Attention P305 + P351 + P338 - If in Eyes: Rinse Cautiously with Water for Several Minutes. Remove Contact Lenses, If Present and Easy to Do. Continue Rinsing P337 + P313 - If Eye Irritation Persists: Get Medical Advice/Attention P273 - Avoid Release to The Environment.
CONTAINS:	Linalool & Estragole

3: COMPOSITION/INFORMATION ON INGREDIENTS

60.0 – 65.0% Linalool

CAS NUMBER: 78-70-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-134-4
Aquatic Acute 3 - H402
Eye Irrit. 1 - H319
Skin Irrit. 2 - H315
Acute Tox. 5 - H303
Aquatic Acute 3 - H402
Eye Irrit. 1 - H319
Skin Irrit. 2 - H315
Acute Tox. 5 - H303
Flam. Liq. 4 - H227

25.0 – 35.0% Estragole

CAS NUMBER: 140-67-0

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 205-427-8
Skin Sens. 1 - H317
Carc. 2 - H351
Muta. 2 - H341
Skin Irrit. 3 - H316
Acute Tox. 4 - H302
Flam. Liq. 4 - H227
Skin Sens. 1 - H317
Carc. 2 - H351
Muta. 2 - H341
Skin Irrit. 3 - H316
Acute Tox. 4 - H302

<1.0% Methyl Eugenol

CAS NUMBER: 93-15-2

CLASSIFICATION (EC1272/2008):

EC NUMBER: 202-223-0
Acute Tox. 4 - H302
Muta. 2 - H341
Carc. 2 - H351
Aquatic Chronic 2 - H411

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. 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: MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED):	Always remove contaminated clothing immediately. None known.

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.

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.



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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS:	Ensure work area is well ventilated. Provide safety shower & 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:	Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) increase ventilation of the area with local exhaust ventilation. B) personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. C) use closed systems for transferring and processing this material. Also refer to sections 2 and 7.
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:	Pale Yellow to Yellow to Brown
ODOUR:	Characteristic
FLASH POINT °C:	80°C
SPECIFIC GRAVITY @ 20°C:	0.870 – 0.910
REFRACTIVE INDEX @ 20°C:	1.470 – 1.500
SOLUBILITY IN WATER @ 20°C	Insoluble in water.

10: STABILITY AND REACTIVITY

REACTIVITY:	Not applicable.
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:	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:	Not applicable
STOT – Repeated Exposure:	Not applicable
Aspiration Hazard:	Not applicable
Other Information:	No data.

12: ECOLOGICAL INFORMATION

TOXICITY: 82% of the mixture consists of components of unknown hazards to the aquatic environment.

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	CRUSTACEA
Linalool	88.3mg/l: 96h Desmodemus subspicatus EC50.	22 – 46mg/l: 96h Leuciscus idus mg/l LC50 static.	20mg/l 48h Daphnia magna EC50.

PERSISTENCE AND DEGRADABILITY:	No data.
BIOACCUMULATIVE POTENTIAL:	Linalool = 2.84 – 3.10 Partition coefficient.
MOBILITY IN SOIL:	None
RESULTS OF PBT AND vPvB ASSESSMENT:	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
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. Do not reuse container.

14: TRANSPORT INFORMATION

UN No. (ROAD/SEA/AIR):	Not classified.
PROPER SHIPPING NAME:	Not applicable.
TRANSPORT HAZARD CLASS(ES):	Not applicable
PACKING GROUP:	Not applicable
ENVIRONMENTAL HAZARDS:	Non-hazardous.
SPECIAL PRECAUTIONS FOR USER:	No data.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	No additional data.



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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.

16: OTHER INFORMATION

HAZARD STATEMENTS IN FULL:

H317 - May Cause an Allergic Skin Reaction
H351 - Suspected of Causing Cancer If Inhaled
H341 - Suspected of Causing Genetic Defects If Inhaled
H302 - Harmful If Swallowed.
H227 - Combustible Liquid
H316 - Causes Mild Skin Irritation
H402 - Harmful to Aquatic Life
H319 - Causes Serious Eye Irritation
H315 - Causes Skin Irritation
H303 - May Be Harmful If Swallowed

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.