



**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 Clary Sage Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **262**

CAS NUMBER: 8016-63-5/84775-83-7

EC NUMBER: 283-911-8

INCI: *Salvia sclarea* Oil

BIOLOGICAL DEFINITION: *Sclarea oil* is a volatile oil obtained from the clary sage, *salvia sclarea l., lamiaceae*.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Not applicable.
- HEALTH HAZARDS: Skin Irritation, Category 2 (Skin Irrit. 2, H315).
Eye Irritation, Category 2 (Eye Irrit. 2, H319).
Skin Sensitisation, Category 1 (Skin Sens. 1 H317)
- ENVIRONMENTAL HAZARDS: Not applicable.

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

PRECAUTIONARY STATEMENTS:

CONTAINS:

WARNING

H315 Causes Skin Irritation.

H317 May Cause An Allergic Skin Reaction.

H319 Causes Serious Eye Irritation.

P280 Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection.

P302 + P352 If On Skin: Wash With Plenty Of Soap And Water.

P305 + P351 + P338 If In Eyes: Rinse Cautiously With Water For Several Minutes. Remove Contact Lenses, If Present And Easy To Do. Continue Rinsing.

P333 + P313 If Skin Irritation Or Rash Occurs: Get Medical Advice/Attention.

EC 203-377-1 GERANIOL.

EC 203-341-5 GERANYL ACETATE.

EC 227-813-5 D-LIMONENE.

SDS: **262 COSMOS Organic Clary Sage Essential Oil**

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director – Date: 10/12/2020 - Version: 4



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3: COMPOSITION/INFORMATION ON INGREDIENTS

50.0 - 100% LINALYL ACETATE

CAS NUMBER: 115-95-7
CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-116-4
Eye Irrit. 2, H319
Skin Irrit. 2, H315

10.0 – 25.0% LINALOOL

CAS NUMBER: 78-70-6
CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-134-4
Eye Irrit. 2, H319
Skin Irrit. 2, H315

< 2.5% GERANIOL

CAS NUMBER: 106-24-1
CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-377-1
Skin Irrit. 2, H315
Skin Sens. 1, H317
Eye Dam. 1, H318

< 2.5% GERANYL ACETATE

CAS NUMBER: 105-87-3
CLASSIFICATION (EC 1272/2008):

EC NUMBER: 203-341-5
Eye Irrit. 2, H319
Skin Irrit. 2, H315

< 2.5% ALPHA TERPINEOL

CAS NUMBER: 98-55-5
CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-680-6
Eye Irrit. 2, H319
Skin Irrit. 2, H315

< 2.0% D-LIMONENE

CAS NUMBER: 5989-27-5
M FACTOR – ACUTE = 1
CLASSIFICATION (EC 1272/2008):

EC NUMBER: 227-813-5
M FACTOR – CHRONIC = 1
Asp. Tox. 1, H304
Flam. Liq. 3, H226
Skin Irrit. 2, H315
Skin Sens. 1b, H317
Aquatic Acute 1, H400
Aquatic Chronic1, 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 CNS
- SKIN CONTACT: Toxic in contact with skin
- EYE CONTACT: May cause eye irritation.

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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.

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

CONTROL PARAMETERS

Derived no effect level (DNEL) or derived minimum effect level (DMEL)

WORKERS

Exposure Method:	Dermal Contact
Potential Health Effects: DNEL	Short term systemic effects 5mg/kg bodyweight/day.
Potential Health Effects: DNEL	Short term local effects 15mg of substance /cm ²
Potential Health Effects: DNEL	Long term systemic effects 2.5mg/kg body weight/day
Potential Health Effects: DNEL	Long term local effects 15mg of substance/cm ²
Exposure Method:	Inhalation
Potential Health Effects: DNEL	Short term systemic effects 16.5 mg of substance/m ³
Potential Health Effects: DNEL	Long term systemic effects 2.8mg of substance/m ³

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CONSUMERS

Exposure Method	Ingestion
Potential Health Effects: DNEL	Short term systemic effects 1.2mg/kg body weight/day
Potential Health Effects: DNEL	Long term systemic effects 0.2mg/kg body weight/day
Exposure Method	Dermal Contact
Potential Health Effects: DNEL	Short term systemic effects 2.5mg/kg body weight/day
Potential Health Effects: DNEL	Short term systemic effects 15mg of substance/cm ²
Potential Health Effects: DNEL	Long term systemic effects 1.25mg/kg body weight/day
Potential Health Effects: DNEL	Long term systemic effects 15mg of substance/cm ²
Exposure Method	Inhalation
Potential Health Effects: DNEL	Short term systemic effects 4.1mg of substance/m ³
Potential Health Effects: DNEL	Long term systemic effects 0.7mg of substance/m ³

PREDICTED NO EFFECT CONCENTRATION (PNEC)

ENVIRONMENTAL COMPARTMENT	PNEC
SOIL:	0.327 ,g/kg
FRESH WATER:	0.2mg/l
SEA WATER:	0.02mg/l
INTERMITTENT WASTE WATER:	2mg/l
FRESH WATER SEDIMENT:	2.22mg/kg
MARINE SEDIMENT:	0.222mg/kg
WASTE WATER TREATMENT PLANT:	10mg/l



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PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS:

EYE/FACE PROTECTION:

HAND PROTECTION:

OTHER SKIN AND BODY PROTECTION:

HYGIENE MEASURES:

RESPIRATORY PROTECTION:

ENVIRONMENTAL EXPOSURE CONTROLS:

PERSONAL PROTECTION:

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

Wear eye/face protection.

Wear protective gloves.

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

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

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.

Avoid discharging into drainage water.

Avoid contact with skin and eyes.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Liquid.

COLOUR:

Light Yellow to Yellow Brown

ODOUR:

Characteristic, Ethereal, Sweet, Herbaceous, Amber, Clinging.

FLASH POINT °C:

81°C

SPECIFIC GRAVITY @ 20°C:

0.890 – 0.908

REFRACTIVE INDEX @ 20°C:

1.456 – 1.466

SOLUBILITY IN WATER @ 20°C

Soluble in water.

10: STABILITY AND REACTIVITY

REACTIVITY:

Presents no significant reactivity hazards, by itself or in contact with water. Stable under normal temperature and storage conditions and recommended use.

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:

P.V.C.

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:

MATERIAL	CAS No.	ORAL ROUTE – LD50
ALPHA-TERPINEOL	98-55-5	4300mg/kg
GERANIOL	106-24-1	4200mg/kg
LINALOOL	78-70-6	2720mg/kg

SKIN IRRITATION:	May cause irreversible damage to the skin; namely inflammation of the skin or the formation of Erythema, Eschar or Oedema following exposure up to four hours. May cause an allergic reaction by skin contact.
EYE DAMAGE OR IRRITATION:	May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.
RESPIRATION OR SKIN SENSITIVITY:	May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic reaction by skin contact.
GERM CELL MUTAGENICITY:	No data.
CARCINOGENICITY:	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:	Not applicable.
STOT – REPEATED EXPOSURE:	Not applicable.
ASPIRATION HAZARD:	No data.
OTHER INFORMATION:	No data.

12: ECOLOGICAL INFORMATION

TOXICITY:	Toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	No Data.
BIOACCUMULATIVE POTENTIAL:	No Data.
MOBILITY IN SOIL:	Considered as a readily biodegradable NCS. Based on the ready biodegradability of the NCS, simulation tests in surface water, sediment and soil are not required in accordance with effects.
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.
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14: TRANSPORT INFORMATION

UN No. (ROAD/SEA/AIR):	Not regulated.
PROPER SHIPPING NAME:	None
TRANSPORT HAZARD CLASS(ES):	None
PACKING GROUP:	None
ENVIRONMENTAL HAZARDS:	None
SPECIAL PRECAUTIONS FOR USER:	No data
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	No additional data.

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:	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.
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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.