



**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 Geranium Bourbon Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **264**

CAS NUMBER: 90082-51-2/8000-46-2

EC NUMBER: 290-140-0

INCI: *Pelargonium graveolens* flower oil.

BIOLOGICAL DEFINITION: *Pelargonium graveolens* flower oil is the volatile oil obtained from the flowers of the *Bourbon Geranium*, *pelargonium graveolens* (L.), *geraniaceae*.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Not Classified
- HEALTH HAZARDS: Asp. Tox. 1 – H304.
Skin Irrit. 2 – H315
Skin Sens. 2 – H317.
Eye Dam. 1 – H318
- ENVIRONMENTAL HAZARDS: Not Classified

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

H304 May Be Fatal If Swallowed and Enters Airways.
H315 Causes Skin Irritation.
H317 May Cause an Allergic Skin Reaction.
H318 Causes Serious Eye Damage

PRECAUTIONARY STATEMENTS:

P280 Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection.
P273 Avoid Release to The Environment.
P301+310 If Swallowed: Immediately Call A Poison Centre or Doctor/Physician.
P302+352 If on Skin: Wash with Plenty of Soap and Water.
P305+351+338 If in Eyes: Rinse Cautiously with Water for Several Minutes. Remove Contact Lenses, If Present and Easy to Do. Continue Rinsing.

SDS: **264 COSMOS Organic Geranium Bourbon Essential Oil**

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



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

**SUPPLEMENTARY PRECAUTIONARY
STATEMENTS:**

P272 Contaminated Work Clothing Should Not Be Allowed Out of The Workplace.

P261 Avoid Breathing Vapour/Spray.

P264 Wash Contaminated Skin Thoroughly After Handling.

P321 Specific Treatment (See Medical Advice on This Label).

P310 Immediately Call A Poison Centre or Doctor/Physician.

P331 Do Not Induce Vomiting.

P332+313 If Skin Irritation Occurs: Get Medical Advice/Attention.

P333+313 If Skin Irritation or Rash Occurs: Get Medical Advice/Attention.

P362 Take Off Contaminated Clothing and Wash Before Reuse.

P363 Wash Contaminated Clothing Before Reuse.

P405 Store Locked Up.

P501 Dispose of Contents/Container in Accordance with Local and National Regulations.

CONTAINS:

CITRONELLOL, GERANIOL, MENTHONES, PINENES, CITRAL.

3: COMPOSITION/INFORMATION ON INGREDIENTS

30-60% Citronellol

CAS NUMBER: 106-22-9

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 203-375-0

Flam. Liq. 3, H226

Skin Irrit.2 – H315

Skin Sens. 1 – H317

Asp. Tox.1 – H304

10-30% Geraniol

CAS NUMBER: 106-24-1

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 203-377-1

Skin Irrit 2 – H315

Skin Sens. 1 – H317

Eye Dam. 1 – H318

5-15% Menthones

CAS NUMBER: 10458-14-7

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 233-944-9

Acute Tox. – H302

Skin Sens. 1 – H317

Eye Irrit. 2 – H319

Flam. Liq. 3, H226

Aquatic Chronic 3 – H412

4-8% Linalool

CAS NUMBER: 78-70-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-134-4

Skin Irrit. 2 - H315

1-3% Citral

CAS NUMBER: 5392-40-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 226-394-6

Flam. Liq. 3 - H226

Asp. Tox. – H304

Skin Irrit. 2 - H315

Skin Sens. 1 - H317



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

1-5% Pinenes

CAS NUMBER: 80-56-8

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-291-9

Flam. Liq. 3 - H226

Skin Irrit. 2 – H315

Skin Sens. 1 – H317

Asp. Tox. 1 - H304

<1% LIMONENE

CAS NUMBER: 5989-27-5

CLASSIFICATION (EC 1272/2008)

EC NUMBER: 227-813-5

Flam Liq. 3 – H226

Skin Irrit. 2 – H315

Skin Sens. 1 – H317

Asp. Tox. 1 – H304

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. 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.

Contact may cause an allergic reaction.

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.



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

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).

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.

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:

Avoid contact with skin. Wash hands before breaks and at end of work. Wear protective gloves. DIN/EN374. The glove material has to be impermeable and resistant to the product. The exact break through time has to be found out by the manufacturer of the protective gloves has to be observed.

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:

Use personal protection according to directive 89/686/EEC.



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.
COLOUR:	Yellow Brown to Yellow Green
ODOUR:	Characteristic
FLASH POINT °C:	64°C
SPECIFIC GRAVITY @ 20°C:	0.884 – 0.901
REFRACTIVE INDEX @ 20°C:	1.459 – 1.473
SOLUBILITY IN WATER @ 20°C	Insoluble in water. (Soluble in Ethanol).

10: STABILITY AND REACTIVITY

REACTIVITY:	Not applicable.
CHEMICAL STABILITY:	Stable under suggested storage conditions (<15°C).
POSSIBILITY OF HAZARDOUS REACTIONS:	None under normal processing.
CONDITIONS TO AVOID:	Storage at high temperatures. Do not store above 15°C. Avoid heat, flames and other sources of ignition.
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.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	There is no data available on this product. However, this product must be handled with the highest possible caution.
Skin Irritation:	May be harmful if absorbed through the skin.
Eye Damage or Irritation:	May cause eye irritation
Respiration or Skin Sensitivity:	No data.
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 harmful if inhaled.
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:	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.
-------------------	--



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

14: TRANSPORT INFORMATION

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

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:	H318 Causes Serious Eye Damage. H319 Causes Serious Eye Irritation. H315 Causes Skin Irritation. H226 Flammable Liquid and Vapour. H302 Harmful If Swallowed. H412 Harmful to Aquatic Life with Long Lasting Effects. H402 Harmful to Aquatic Life. H304 May Be Fatal If Swallowed and Enters Airways. H303 May Be Harmful If Swallowed. H317 May Cause an Allergic Skin Reaction. H410 Very Toxic to Aquatic Life with Long Lasting Effects. H400 Very Toxic to Aquatic Life.
----------------------------	---

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.

SDS: 264 COSMOS Organic Geranium Bourbon Essential Oil

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