



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: **Lemongrass Organic Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **268**

CAS NUMBER: 91844-92-7

EC NUMBER: 295-161-9

INCI: *Cymbopogon flexuosus oil*

BIOLOGICAL DEFINITION: *Cymbopogon flexuosus* oil is the volatile oil obtained from the dried lemon grass, *cymbopogon flexuosus*, *poaceae*.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Not classified.
- HEALTH HAZARDS: Skin. Irrit. 2 H315
Skin Sens. 1 H317
Eye Dam. 1 H318
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 2 H411

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

H315 Causes Skin Irritation.
H317 May Cause an Allergic Skin Reaction.
H318 Causes Serious Eye Damage.
H411 Toxic to Aquatic Life with Long Lasting Effects.

PRECAUTIONARY STATEMENTS:

P272 Contaminated Work Clothing Should Not Be Allowed Out of The Workplace.
P273 Avoid Release to The Environment.
P280 Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection.
P261 Avoid Breathing Vapour/Spray.
P264 Wash Contaminated Skin Thoroughly After Handling.
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: **268 Lemongrass Organic Essential Oil**

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director – Date: 22/01/2020 - Version: 2



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**SUPPLEMENTARY PRECAUTIONARY
STATEMENTS**

P302+352 If on Skin: Wash with Plenty of Soap and Water.
P310 Immediately Call A Poison Centre or Doctor/Physician.
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.
P391 Collect Spillage.
P321 Specific Treatment (See Medical Advice on This Label).
P501 Dispose of Contents/Container in accordance with local and
national regulations.
CONTAINS: Citral, Geraniol

3: COMPOSITION/INFORMATION ON INGREDIENTS

70.0 - 78.0% Citral

CAS NUMBER: 5392-40-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 226-394-6

Skin Irrit. 2 – H315

Skin Sens. 1 – H317

Eye Irrit. 2 – H319

4.0 - 6.0% 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

1.0 - 2.5% 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

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 AND 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, 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.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
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:	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



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ENVIRONMENTAL EXPOSURE CONTROLS:	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 cannisters and particulate filters. C) Use closed systems for transferring and processing this material. Also refer to Sections 2 and 7.
PERSONAL PROTECTION:	Avoid discharging into drainage water. Avoid inhalation of the product. Avoid contact with skin and eyes.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.
COLOUR:	Ranging from Yellow to Orange
ODOUR:	Sweet, lemon like.
FLASH POINT °C:	71 - 85°C
SPECIFIC GRAVITY @ 20°C:	0.869 – 0.910
REFRACTIVE INDEX @ 20°C:	1.460 – 1.490
SOLUBILITY IN WATER @ 20°C	No data. .

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.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	No data.
Skin Irritation:	May cause sensitisation by skin contact.
Eye Damage or Irritation:	Spray and vapour in the eyes may cause irritation and smarting.
Respiration or Skin Sensitivity:	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
Germ Cell Mutagenicity:	Negative (source CSR)
Carcinogenicity:	Not applicable.
Reproductive Toxicity:	Not applicable.
STOT – Single Exposure:	Not applicable.
STOT – Repeated Exposure:	Not applicable.
Aspiration Hazard:	May be fatal if swallowed and enters airways.
Other Information:	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.



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12: ECOLOGICAL INFORMATION

TOXICITY:	May cause long-term adverse effects in the aquatic environment.
PERSISTENCE AND DEGRADABILITY:	No data.
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:	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):	3082
PROPER SHIPPING NAME:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.

TRANSPORT HAZARD CLASS(ES):

- ADR/RID/ADN CLASS:	9
- IMDG CLASS:	9
- ICAO CLASS/DIVISION	9



PACKING GROUP:

- ADR/RID/ADN PACKING GROUP:	III
- IMDG PACKING GROUP:	III
- ICAO PACKING GROUP:	III

ENVIRONMENTAL HAZARDS:	Environmentally Hazardous Substance/Marine Pollutant
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SPECIAL PRECAUTIONS FOR USER:

EMS:	F-A, S-F
EMERGENCY ACTION CODE:	3Z
HAZARD NO. (ADR):	90 Environmentally hazardous substance, miscellaneous dangerous substances.
TUNNEL RESTRICTION CODE:	(E)
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:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

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.