



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**SAFETY DATA SHEET**

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

PRODUCT NAME: Lemon Verbena Oil

SUPPLIER: Amphora Aromatics Ltd, 36 Cotham Hill, Cotham, Bristol BS6 6LA

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 29

CAS NUMBER: n/a

EC NUMBER: n/a

INCI: Thymus Hiemalis Leaf Oil (Not an official INCI name)

BIOLOGICAL DEFINITION: The volatile oil steam distilled from the leaves of *Thymus hiemalis*.

**2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

PHYSICAL HAZARDS: None  
HEALTH HAZARDS: H318 Causes serious eye damage  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
ENVIRONMENTAL HAZARDS: H411 Toxic to aquatic life with long lasting effects.

CLASSIFICATION (EC No.1272/2008):

**LABEL ELEMENTS**

PICTOGRAM:



SIGNAL WORD: DANGER  
HAZARD STATEMENTS: H318 Causes serious eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.  
PRECAUTIONARY STATEMENTS: P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER/doctor.  
P501: Dispose of contents in accordance with local, state or national legislation.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364: Take off contaminated clothing. And wash it before reuse.

SDS: 29 Lemon Verbena Oil

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director– Date08/04/2019 - Version: 3



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P302+P352: IF ON SKIN: Wash with plenty of water.

P273: Avoid release to the environment.

P391: Collect spillage.

SUPPLEMENTARY PRECAUTIONARY

STATEMENTS

CONTAINS:

P264: Wash hands and exposed skin thoroughly after handling.

P332+P313: If skin irritation occurs: Get medical advice/attention.

Geraniol

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

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**≤70.2% 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

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**≤7.59% Geraniol**

CAS NUMBER: 106-24-1

EC NUMBER: 203-377-1

CLASSIFICATION (EC 1272/2008):

Skin Irrit. 2 – H315,  
Skin Sens. 1 - H317,  
Eye Dam. 1 – H318

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**≤ 4.00 Citronellal**

CAS NUMBER: 106-23-0

EC NUMBER: 203-376-6

CLASSIFICATION (EC 1272/2008):

Skin Irrit. 2 – H315,  
Skin Sens. 1 – H317,  
Eye Irrit. 2 – H319,  
Aquatic Chronic 2 – H411

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**≤ 3.8% d-Limonene**

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 Acute 1 – H400,  
Aquatic Chronic 1 - H410

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**≤ 0.25% Citronellol**

CAS NUMBER: 106-22-9

EC NUMBER: 203-375-0

CLASSIFICATION (EC 1272/2008):

Skin Irrit. 2 – H315,  
Skin Sens. 1B - H317,  
Eye Irrit. 2 – H319

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**≤ 0.33% Linalool**

CAS NUMBER: 78-70-6

EC NUMBER: 201-134-4

CLASSIFICATION (EC 1272/2008):

Skin Irrit. 2 – H315,  
Skin Sens. 1B – H317,  
Eye Irrit. 2 – H319

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**≤ 0.11% alpha - Pinene**

CAS NUMBER: 80-56-8

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-291-9

Flam. Liq. 3 – H226,  
Acute Tox. 4 – H302,  
Asp. Tox. 1 - H304,  
Skin Irrit. 2 - H315,  
Skin Sens. 1A – H317,  
Aquatic Acute 1 - H400,  
Aquatic Chronic 1 – H410

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**≤ 0.17% beta- Pinene**

CAS NUMBER: 127-91-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-872-5

Flam. Liq. 3 – H226,  
Asp. Tox. 1 - H304,  
Skin Irrit. 2 - H315,  
Skin Sens. 1A – H317,  
Aquatic Acute 1 - H400,  
Aquatic Chronic 1 – H410

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**≤ 0.16% Sabinene**

CAS NUMBER: 3387-41-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 222-212-4

Flam. Liq. 3 – H226,  
Asp. Tox. 1 – H304

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**≤ 0.14% Myrcene**

CAS NUMBER: 123-35-3

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 204-622-5

Flam. Liq. 3 – H226,  
Asp. Tox. 1 – H304,  
Skin Irrit. 2 - H315,  
Eye Irrit. 2 – H319

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**≤ 0.01% Methyl Eugenol**

CAS NUMBER: 93-15-2

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-223-0

Acute Tox. 4 – H302,  
Muta. 2 H341,  
Carc. 2 – H351

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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.



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**4: FIRST AID MEASURES**

INHALATION:	Remove victim immediately from source of exposure to fresh air. Keep the person warm and at rest. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in recovery position and call a physician immediately. Ensure good air circulation.
INGESTION:	DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Get medical attention. Move exposed person to fresh air. Keep the person warm and at rest. If vomiting occurs, keep head down to prevent the passage of vomit into the lungs. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in recovery position and call a physician immediately. Ensure good air circulation.
SKIN CONTACT:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
EYE CONTACT:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
GENERAL INFORMATION:	For details on the consequences in terms of health and symptoms, see Section 11.
NOTES FOR THE DOCTOR:	No special treatment. Treat symptomatically. Contact a specialist for treatment of poisoning if large amounts are ingested or inhaled.

**5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide extinguishers or dry (Class ABC) fire extinguisher foam.
UNSUITABLE EXTINGUISHING AGENTS:	Water spray.
SPECIAL MEASURES:	Possible production of toxic fumes in case of a fire.
ADVICE FOR FIREFIGHTERS:	Avoid breathing vapours and fumes. Use a mask if necessary. Do not attack the fire with water: the water instead of stifling tends to fuel the fire. Essential oils have the ability to float on water. The fire spread is then accelerated. To extinguish an incipient fire based essential oil, use dry powder-specific ABC (or equivalent). If the fire is not important, it can be smothered by covering with earth, sand or blanket.

**6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:	Avoid all flammable sources. Ventilate premises. Do not smoke.
ENVIRONMENT PRECAUTIONS:	Avoid contamination of drains, surface water and groundwater. Dispose of rags, sponges, etc. used to mop up by current local regulations.
CLEANING UP METHODS FOR SPILLAGES:	Large spills should be cleaned with inert absorbent material that will be scanned and then destroyed in accordance with existing regulations



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**7: HANDLING AND STORAGE**

USAGE PRECAUTIONS:

Avoid contact, do not inhale the vapours, do not swallow, work under a hood or suction arm. Prevent access to persons not required and not wearing protective clothing. Do not touch or walk through the product. Check for an adequate ventilation. Wear appropriate respiratory protection such as the ventilation is inadequate.

STORAGE PRECAUTIONS:

Store in original container or other approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain residual product. Do not reuse.

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS:

Provide eyewash station.  
Provide adequate ventilation.

EYE/FACE PROTECTION:

Wear approved safety goggles.

HAND PROTECTION:

Chemical resistant gloves (PVC).

OTHER SKIN AND BODY PROTECTION:

Wear apron or protective clothing in case of splashes.

HYGIENE MEASURES:

Use personal protection according to Directive 89/686/EEC.  
Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

RESPIRATORY PROTECTION:

Not normally needed in well ventilated areas (unless otherwise stated).

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid discharging into drainage water. Only eliminate by authorised companies.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:

Mobile liquid, pale yellow to yellow.

COLOUR:

Pale yellow to yellow.

ODOUR:

Characteristic - Fresh, lemony, sweet and fruity.

FLASH POINT °C:

69

SPECIFIC GRAVITY @ 20°C:

~0.884

REFRACTIVE INDEX @ 20°C:

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SOLUBILITY IN WATER @20°C

Insoluble in water.



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**10: STABILITY AND REACTIVITY**

REACTIVITY:	This product is stable to shock, vibration and pressure under normal conditions of use. In the presence of light and heat, oxidation can occur.
CHEMICAL STABILITY	No significant changes in the composition in time respecting the storage conditions described in 7.2.
POSSIBLE HAZARDOUS REACTIONS CONDITIONS TO AVOID	No additional data available. Do not heat to high temperature. Do not expose sealed containers in the sun. Keep away from sources of ignition.
MATERIALS TO AVOID DECOMPOSITION:	P.V.C. No decomposition if used as directed.

**11: TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY	No additional data available.
SKIN CORROSION / IRRITATION	Causes skin irritation
SERIOUS EYE DAMAGE / IRRITATION	Causes serious eye damage
RESPIRATORY OR SKIN SENSITISATION	May cause an allergic skin reaction.
GERM CELL MUTAGENICITY	No additional data available.
CARCINOGENICITY	No additional data available.
REPRODUCTIVE TOXICITY	No additional data available.
STOT-SINGLE EXPOSURE	No additional data available.
STOT-REPEATED EXPOSURE	No additional data available.
ASPIRATION HAZARD	No additional data available.
PHOTO-TOXICITY	No additional data available.
OTHER INFORMATION	No additional data available.

**12: ECOLOGICAL INFORMATION**

ECOTOXICITY:	Toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	No additional data available.
BIOACCUMULATIVE POTENTIAL:	No additional data available.
MOBILITY IN SOIL:	No additional data available.
RESULTS OF PBT AND VPVB ASSESSMENT:	No additional data available.
PRECAUTIONS:	Do not allow product to enter streams, sewers or other waterways.

**13: DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS:	Do not discharge into drains or watercourses. Recycle or dispose of in accordance with prevailing regulations, preferably by a collector or an approved company. Do not contaminate the soil or water with waste, do not dispose in the environment. Completely empty container. Conserve or labels on the container. Give to a certified disposal contractor
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**14: TRANSPORT INFORMATION**

UN No. ROAD: 3082  
UN No. SEA: 3082  
UN No. AIR: 3082  
PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.

**TRANSPORT HAZARD CLASS(ES):**

ADR/RID/ADN CLASS: 9: MISCELLANEOUS DANGEROUS  
SUBSTANCES AND ARTICLES.  
IMDG CLASS: 9  
ICAO CLASS/DIVISION: 9



**PACKING GROUP:**

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

ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE/MARINE POLLUTANT:

Environmentally Hazardous Substance/Marine Pollutant



SPECIAL PRECAUTION FOR USER:  
TRANSPORT IN BULK ACCORDING TO ANNEX II  
OF MARPOL73/78 AND THE IBC CODE:

Tunnel Restriction Code: A, B, C, D  
No additional data available.

**15: REGULATORY INFORMATION**

STATUTORY INSTRUMENTS:

The Chemicals (Hazard Information and 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 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

GUIDANCE:

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).



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**16: OTHER INFORMATION**

**Hazard and/or Precautionary  
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.  
H318 Causes serious eye damage  
H319 Causes serious eye irritation.  
H341 Suspected of causing genetic defects.  
H351 Suspected of causing cancer  
H400 Very toxic to aquatic life with long lasting effects.  
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.