



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: Lavender 50/52 High Altitude Oil

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

TELEPHONE +44 (0)117-9087770.

PRODUCT NUMBER: 64

CHEMICAL NAME: Lavandula angustifolia Oil

IDENTIFIED USES: Concentrated material for manufacturing purposes only

2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

CAS: 8000-28-0

EC: 289-994-0; 289-995-2; 307-762-6

PHYSICAL HAZARDS

Not Classified

HEALTH HAZARDS

Skin Irrit. 2 – H315

Skin Sens. 1 – H317

Eye Irrit. 2 – H319

ENVIRONMENTAL HAZARDS

Aquatic Chronic 3 - H412

LABEL ELEMENTS PICTOGRAM



SIGNAL WORD

WARNING

HAZARD STATEMENTS

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

P261 Avoid breathing vapour/spray.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P273 Avoid release to the environment.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with national regulations.

CONTAINS

Linalool, Bornan-2-one, Cineole, Caryophyllene, d-limonene, 3-Acetoxyoctene, Geranyl Acetate, Neryl Acetate, Geraniol



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3: COMPOSITION/INFORMATION ON INGREDIENTS

LINALYL ACETATE	25-50%
CAS number: 115-95-7	EC number: 204-116-4
Classification	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319
LINALOOL	25-50%
CAS number: 78-70-6	EC number: 201-134-4
Classification	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Skin Sens. 1B H317
OCIMENE	2.5-10%
CAS number: 13877-91-3	EC number: 237-641-2
Classification	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304
CINEOLE	2.5-10%
CAS number: 470-82-6	EC number: 207-431-5
Classification:	Flam. Liq. 3, H226 Skin Sens. 1B, H317
BORNAN-2-ONE	2.5-10%
CAS number: 76-22-2	EC number: 207-355-2
Classification:	Flam. Sol. 2, H228 STOT SE 2, H371 Acute Tox. 4, H302 Acute Tox. 4, H332 Skin Sens. 1, H317
CARYOPHYLENE	≤2.5%
CAS number: 87-44-5	EC number: 201-746-1
Classification	Asp. Tox. 1, H304 Skin Sens. 1B, H317
4-TERPINOL	2.5-10%
CAS number: 562-74-3	EC number: 209-235-5
Classification	Acute Tox. 4 – H302 Skin Irrit. 2 – H315 Eye Irrit. 2 – H319
BORNEOL	≤2.5%
CAS number: 507-70-0	EC number: 208-080-0
Classification	Flam. Sol. 2 – H228
D-LIMONENE	≤2.5%
CAS number: 5989-27-5	EC number: 277-813-5
Classification	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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3-ACETOXYOCTENE CAS number: 2442-10-6 Classification	≤2.5% EC number: 219-474-7 Acute Tox. 4, H302 Skin Sens. 1B, H317
GERANYL ACETATE CAS number: 105-87-3 Classification	≤2.5% EC number: 203-341-5 Skin Irrit. 2 – H315 Skin Sens. 1B – H317 Aquatic Chronic 3 – H412
NERYL ACETATE CAS number: 141-12-8 Classification	≤2.5% EC number: 205-459-2 Skin Irrit. 2, H315 Skin Sens. 1B H317 Aquatic Chronic 3, H412
GERANIOL CAS number: 106-24-1 Classification	≤2.5% EC number: 203-377-1 Eye Dam. 1, H318 Skin Irrit. 2, H315 Skin Sens. 1, H317

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

4: FIRST AID MEASURES

INHALATION	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation. Supply fresh air.
INGESTION	Inform doctor. Do not give milk or fatty oils.
SKIN CONTACT	Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water. If skin irritation continues, consult a doctor.
EYE CONTACT	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
GENERAL INFORMATION	No further relevant information available.
NOTES FOR THE DOCTOR	No further relevant information available.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide (CO ₂), powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
UNSUITABLE EXTINGUISHING MEDIA: SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:	Water full jet. Carbon monoxide (CO).
ADVICE FOR FIRE-FIGHTERS:	No special measures required.



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6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Not required.
ENVIRONMENT PRECAUTIONS:	Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.
METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
REFERENCE TO OTHER SECTIONS:	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Ensure good ventilation/exhaustion at the workplace.
INFORMATION ABOUT FIRE AND EXPLOSION PROTECTION:	No special measures required.
STORAGE PRECAUTIONS:	Store only in unopened original receptacles. Keep receptacle tightly sealed. Store in the dark.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

INGREDIENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

76-22-2 bornan-2-one

WEL

SHORT-TERM VALUE: 19 mg/m³, 3 ppm

LONG-TERM VALUE: 13 mg/m³, 2 ppm



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PROTECTIVE EQUIPMENT



APPROPRIATE ENGINEERING CONTROLS

EYE/FACE PROTECTION

HAND PROTECTION

Provide adequate ventilation.

Tightly sealed goggles.

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

OTHER SKIN AND BODY PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

HYGIENE MEASURES

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

RESPIRATORY PROTECTION

Not required.

ENVIRONMENTAL EXPOSURE CONTROLS

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Liquid

COLOUR:

Yellow / Orange

ODOUR:

Characteristic.

FLASH POINT °C (CLOSED CUP – ASTM D6450):

76

SPECIFIC GRAVITY @ 20°C:

0.880 – 0.890

REFRACTIVE INDEX @ 20°C:

1.453 – 1.467

AUTO-IGNITION TEMPERATURE:

Product is not self-igniting.

EXPLOSIVE PROPERTIES:

Product does not present an explosion hazard.

SOLUBILITY IN/MISCIBILITY WITH WATER:

Not miscible or difficult to mix.



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10: STABILITY AND REACTIVITY

REACTIVITY:	No further relevant information available.
THERMAL DECOMPOSITION/CONDITIONS TO AVOID:	No decomposition if used according to specifications.
POSSIBILITY OF HAZARDOUS REACTIONS:	No dangerous reactions known.
CONDITIONS TO AVOID:	No further relevant information available.
INCOMPATIBLE MATERIALS:	No further relevant information available.
HAZARDOUS DECOMPOSITION PRODUCTS:	No dangerous decomposition products known.

11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS:

- Acute Toxicity: Based on available data, the classification criteria are not met.

Primary Irritant Effect:

- Skin Corrosion/Irritation: Causes skin irritation.
- Serious Eye Damage/Irritation: Causes serious eye irritation.
- Respiratory or Skin Sensitisation: May cause an allergic skin reaction.
- Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive Toxicity: Based on available data, the classification criteria are not met.
- STOT-single Exposure: Based on available data, the classification criteria are not met.
- STOT-repeated Exposure: Based on available data, the classification criteria are not met.
- Aspiration Hazard: Based on available data, the classification criteria are not met.

12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY:	Harmful to aquatic organisms.
PERSISTENCE AND DEGRADABILITY:	No further relevant information available.
BIOACCUMULATIVE POTENTIAL:	No further relevant information available.
MOBILITY IN SOIL:	No further relevant information available.
ECOTOXIC EFFECTS:	Harmful to fish. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Harmful to aquatic organisms.
RESULTS OF PBT AND vPvB ASSESSMENT:	Not applicable.
OTHER ADVERSE EFFECTS:	No further relevant information available.

13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
UNCLEANED PACKAGING:	Disposal must be made according to official regulations.



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14: TRANSPORT INFORMATION

UN NUMBER ADR, ADN, IMDG, IATA:	Void.
UN PROPER SHIPPING NAME ADR, ADN, IMDG, IATA:	Void.
TRANSPORT HAZARD CLASS(ES) ADR, ADN, IMDG, IATA CLASS:	Void.
PACKING GROUP ADR, IMDG, IATA:	Void.
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
TRANSPORT/ADDITIONAL INFORMATION:	Not dangerous according to the above specifications.
ADR REMARKS:	Not dangerous
ADN REMARKS:	Not dangerous
IMDG REMARKS:	Not dangerous
IATA REMARKS:	Not dangerous
UN "MODEL REGULATION":	Void

15: REGULATORY INFORMATION

EU legislation

Directive 2012/18/EU: Named Dangerous Substances Regulation (EC) No. 1907/2006 Annex XVII	ANNEX I – None of the ingredients is listed. Conditions of restriction: 3
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16: OTHER INFORMATION

HAZARD STATEMENTS IN FULL:	H226- Flammable liquid and vapour. H228 - Flammable solid. 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. H332 - Harmful if inhaled. H371 - May cause damage to organs. H400 - Very toxic to aquatic life. H410 - Very toxic to aquatic life with long lasting effects. H412 - Harmful to aquatic life with long lasting effects.
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ABBREVIATIONS AND ACRONYMS:

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road.
IMDG - International Maritime Code for Dangerous Goods.
IATA - International Air Transport Association.
GHS - Globally Harmonised System of Classification and Labelling of Chemicals.
EINECS - European Inventory of Existing Commercial Chemical Substances.
ELINCS - European List of Notified Chemical Substances.
CAS - Chemical Abstracts Service (Division of the American Chemical Society).
PBT - Persistent, Bioaccumulative and Toxic.
vPvB - Very Persistent and very Bioaccumulative.
Flam. Liq. 3 - Flammable liquids, Hazard Category 3.
Flam. Sol. 2 - Flammable solids, Hazard Category 2.
Acute Tox. 4 - Acute toxicity, Hazard Category 4.
Skin Irrit. 2 - Skin corrosion/irritation, Hazard Category 2.
Eye Dam. 1 - Serious eye damage/eye irritation, Hazard Category 1.
Eye Irrit. 2 - Serious eye damage/eye irritation, Hazard Category 2.
Skin Sens. 1 - Skin sensitisation, Hazard Category 1.
Skin Sens. 1B - Skin sensitisation, Hazard Category 1B.
STOT SE 2 - Specific target organ toxicity (single exposure), Hazard Category 2.
Asp. Tox. 1 - Aspiration hazard, Hazard Category 1.
Aquatic Acute 1 - Hazardous to the aquatic environment – Acute Hazard, Category 1.
Aquatic Chronic 1 - Hazardous to the aquatic environment – Chronic Hazard, Category 1.
Aquatic Chronic 3 - Hazardous to the aquatic environment – Chronic Hazard, Category 3.

Shelf-Life

Min 12 months when stored within advised conditions.

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.