

MATERIAL SAFETY DATA SHEET

Section 1: Identification

1. Name of the product: Lavender oil	9. UUID: ECHA-29c51fe9-506f-4914-8997-4c011740f771
2. Product identifier: essential oil of lavender	10. Registration number: 01-2120746582-51-0050
3. Synonym: Lavender oil	12. Details for supplier: BEO PRO GROUP LTD 11 Flackwell Road Birmingham B23 5ES UK E-mail: info@bulgarianessentialoils.co.uk
4. Application of the substance / preparation: Perfumes & Fragrances	13. Emergency contacts Heartlands Hospital Phone: +44121 424 2000 http://www.uhb.nhs.uk/merger
5. CAS N: 8000-28-0 CAS EINECS: 90063-37-9 EINECS No.: 289-995-2	
6. Chemical formula: No	
7. Composition – 100% oil from Lavandula Angustifolia	
8. Chemical name IUPAC: NO	

SECTION 2 : Hazard Identification

2.1. Classification of the substance / preparation

Classification according to Regulation (EC) No. 1272/2008

3.10	May be fatal if swallowed and enters airways	(Asp. Tox1)	H304
3.4	May cause an allergic skin reaction	(Skin Sens.1B)	H317
3.3	Causes serious eye irritation	(Eye Irrit.2)	H319
4.1	Harmful to aquatic life with long-lasting effects	(Aquatic Chronic 3)	H412

2.2. Label Elements

Labeling according to Regulation (EC) No. 1272/2008

This product is classified and labeled according to the CLP regulation.

GHS Signal Word

DANGER

Hazard Pictograms:



Hazard Statements

- H304: May be fatal if swallowed and enters airways
- 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 dust/fumes/gas/mist/vapours/spray.
- 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.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/
- P302+P352: IF ON SKIN: Wash with plenty of water
- P321: Specific treatment
- P331: Do NOT induce vomiting
- P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.
- P363: Wash contaminated clothing before reuse
- P405: Store locked up.
- P501: Dispose of contents/container to an approved waste disposal plant

SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation:

SubstanceTSCA

CAS Number :8000-28-0

EINECS CAS Number:90063-37-9

Description:Lavandula angustifolia Mill.

EINECS Number:289-995-2

3.2 Dangerous components:

INGREDIENT CONTRIBUTING TO THE HAZARD	CONTENT
Linalyl acetate (CAS : 115-95-7) 1999/45/CE : Xi;R38;S36/37 GHS : EDI 2A, EH-A 3, FL 4, SCI 2	25 % - 47%
Linalol (CAS : 78-70-6) 1999/45/CE : Xi;R38;S37 GHS : ATO 5 (2,790), EDI 2A, EH-A 3, FL 4, SCI 2	20 % - 45%
Ocimène (CAS : 3338-55-4(Z)+13877-91-3(E)) 1999/45/CE : Xn;R65;S62 GHS : AH 1, FL 3, SCI 3	<16%
Terpinen-1-ol 4 (CAS : 562-74-3) 1999/45/CE : Xn;R22;R38;S36/37 GHS : ATD 5 (2,500), ATO 4 (1,300), EDI 2A, EH-A 3, FL 4, SCI 2	<8%
Beta caryophyllene (CAS : 87-44-5) 1999/45/CE : Xn;R65;S62 GHS : AH 1, SCI 3	<7%
alpha terpinéol (CAS : 98-55-5) 1999/45/CE : Xi;R36/38;S26;S37 GHS : ATO 5 (4,300), EDI 2A, EH-A 2, FL 4, SCI 2	<2%
Limonène (CAS : 138-86-3) 1999/45/CE : N;XN;R10;R38;R43;R50/53;R65;S02;S24;S37;S60;S61;S62 GHS : AH 1, EH-A 1, EH-C 1, FL 3, SCI 2, SS 1	<1%
Camphène (CAS : 79-82-5) 1999/45/CE : F;N;Xi;R11;R36;R50/53;S09;S16;S26;S61 GHS : EDI 2A, EH-A 1, EH-C 1, FL 2, SCI 3	<1%
Pinènes (CAS : 80-56-8(alpha)+127-91-3(beta)) 1999/45/CE : N;Xi;XN;R10;R38;R43;R50/53;R65;S24;S36/37;S62 GHS : AH 1, ATO 5 (3,500), EH-A 1, EH-C 1, FL 3, SCI 2, SS 1	<0.6%
Geraniol (CAS : 106-24-1) 1999/45/CE : Xi;R38;R41;R43;S24;S26;S37;S39 GHS : ATO 5 (3,600), EDI 1, EH-A 3, SCI 2, SS 1	<0.6%

SECTION 4: First aid measures

4.1 Description of first aid measures Consumption:

- If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.
- Eye contact: First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
- Inhalation: Remove person to fresh air and keep at rest.
- Skin contact: Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

4.2 Most important symptoms and effects, both acute and delayed: May produce an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed Not available

SECTION 5: Firefighting measures

5.1 Extinguishing media:

- Carbon dioxide, dry chemical powder or appropriate foam.
- For safety reasons do not use full water jet

5.2 Special hazards arising from the substance or mixture: Not applicable.

5.3 Advice for firefighters: In case of fire in the surrounding area, follow the recommendations below:

1. Closed containers may build up pressure at elevated temperatures.
2. Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.
3. Prevent run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

- Wear appropriate gloves to prevent skin exposure.
- Avoid contact with skin and inhalation of its vapours or smoke.
- Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions:

- Avoid contaminating the environment via the sewers or water sources.

6.3 Methods and material for containment and cleaning up:

- Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
- Ventilate area and wash spill site after material pickup is complete.
- Dispose of in accordance with current laws and regulations

SECTION 7: Handling and storage

7.1 Precautions for safe handling: Keep away from food, drink and animal feedingstuffs. Do not smoke. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities: Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters Declaration of substances is not required.

8.2 Exposure controls

- Personal protection equipment: Use personal protection equipment according to Directive 89/686/EEC.
- Engineering Controls-Ventilation: The areas where the product is handled and stored should be adequately ventilated.
- Respiratory Protection: Use personal breathing apparatus whenever deemed necessary.
- Skin Protection: Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
- Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

SECTION 9: Physical and chemical properties**General Information Form:**

- Liquid Colour: Pale yellow to yellow
- Odour: Characteristic
- Odour Threshold: N/A
- Change in Condition Melting Point °C: N/A
- Boiling Point °C: N/A
- Flash Point (Closed Cup) °C: 71°C
- Specific Gravity/Relative Density: 0.875 - 0.888 @20°C
- Refractive Index: 1.458 - 1.468 @20°C
- Vapour Density: N/A
- Vapour Pressure: N/A
- Solubility: Water: Insoluble Alcohol: 1:1 (v/v) 70% ethanol
- Flammability: N/A
- Auto Ignition Temperature: N/A
- Explosive Limits Lower Explosion Limits: N/A
- Upper Explosion Limits: N/A
- pH value: N/A
- Optical Rotation: -12° to -5°
- Surface Tension: N/A
- Partition Coefficient: N/A
- Granulometry: N/A
- Oxidising Properties: N/A
- Viscosity: Not estimated

SECTION 10: Stability and reactivity

10.1 Reactivity: Not available.

10.2 Chemical stability: Stable under normal operating conditions.

10.3 Possibility of hazardous reactions: Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

10.4 Conditions to avoid: Heat, flames and other sources of ignition. No special precautions other than good housekeeping of chemicals.

10.5 Incompatible materials: Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

10.6 Hazardous decomposition products: Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: Toxicological information

Acute Toxicity	Based on available data, the classification criteria are not met.
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
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	May be fatal if swallowed and enters airways.
Photo-toxicity	No additional data available.
Other Information	None.

SECTION 12: Ecological information

- 12.1 Acute aquatic toxicity: Not determined
- 12.2 Persistence and degradability: Not available.
- 12.3 Bioconcentration Factor: Not determined
- 12.4 Mobility in soil: Not available.
- 12.5 Results of PBT and vPvB assessment: Not determined
- 12.6 Other adverse effects: Do not allow the material to enter streams, sewers or other waterways.

SECTION 13: Disposal considerations**Waste treatment methods**

- Container disposal: Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site.
- Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: Transport information International**Carriage of Dangerous Goods by Road (ADR)**

UN No.: N/A

Proper Shipping Name: Not subject to ADR.

Packing Group: -

Class: -

Tunnel restriction code: -

Label: -

Sea Transport (IMDG)

UN No.: N/A

Proper Shipping Name: Not restricted.

Packing Group: -

Class: -

Marine Pollutant: No

Label:

Air Transport (ICAO/IATA)U
 N No.:N/A
 Proper Shipping Name:Not restricted.
 Packing Group:-
 Class:-
 Label:-

SECTION 15: Regulatory information

15.1 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.

15.2 Water Hazard Class (Germany):WGK 2

15.3 Chemical safety AssessmentNo data available

15.4 Other regulations, limitations and prohibitive regulationsEPANoTSCAYesDSLYesPreposition 65No

SECTION 16: Other information

Hazard Statements in Full:

H317 - May cause an allergic skin reaction category 1

H319 - Causes serious eye irritation category 2

H304 -Aspiration hazard, hazard category 1

H412 -Hazardous to the aquatic environment-chronic hazard, category 3

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The information contained in this MSDS is accurate to the best of our knowledge and has been obtained from a variety of sources. No liability can be accepted arising out of the use, application or processing of this product. It is the users' responsibility to determine the safe conditions for the use of this product.