

Safety Data Sheet

LAVENDER OIL

IPAR 2015 Ltd, Bulgaria, Burgas region, Prosenik

Date: 13/11/2018

- **Identification of the substance/mixture and of the company/undertaking**

1.1 Product

Identifier Trade

Name: Lavender Oil

INCI: Lavandula Angustifolia Oil

Biological Definition: Lavandula Angustifolia Oil is the volatile oil obtained from the flowers of the Lavender, Lavandula angustifolia, Labiatae.

Reach Registration Number:

CAS-No.: 8000-28-0/ 90063-37-9

1. **EINECS No.:**-----/ 289-995-2

1.2 Relevant identified uses of the substance or mixture and uses advised against Identified Uses: No additional data available.

1.3 Details of the supplier of the safety data

sheet IPAR 2015 Ltd

Bulgaria

Burgas

region,

Prosenik

8548

1.4 Emergency telephone number

Clinic of Toxicology at N.I. Pirogov Multiprofile Hospital for Active Treatment and Emergency Medicine, Sofia

Emergency telephone / fax: +359 2 9154 409

2. Hazards Identification

2.1 Classification of the substance or mixture

The Full Text for all Hazard Statements are Displayed in Section 16. Classification (EC 1272/2008):
H 304; H 315; H 317; H 319; H 412

Prevention Precautionary Statement
Codes P 273; P 280

Response Precautionary Statement Codes

P 305+ P 351+P 338; P301+P310; P 331; P 302 + P352

Storage Precautionary Statement Codes:

P 405

Disposal Precautionary Statement Codes:

P 501

Additional label elements / Information on certain ingredients:

EUH 208 Contains linalool and limonen. May cause an allergic reaction

2.2 Label elements

Label Elements in accordance with (EC) No 1272/2008: None.



GHS08

GHS07

2.3 Other hazards

Signal Word: Dangerous!

Classification (EC 1272/2008):

H 304 May be fatal if swallowed and enters airways.

H 315 Causes skin irritation.

H 317 May cause an allergic skin reaction.

H 319 Causes serious eye irritation.

H 412 Harmful to aquatic life with long lasting effects.

Prevention Precautionary Statement Codes

P 273 – Avoid release to the environment.

P 280- Wash...thoroughly after handling

Response Precautionary Statement Codes

P 305+ P 351+P 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P 331 Do NOT induce vomiting.

P 302 + P352 IF ON SKIN: Wash with plenty of soap and water.

Storage Precautionary Statement Codes:

P 405 Store locked up.

Disposal Precautionary Statement Codes:

P 501 Dispose of contents/container to ... Acute toxicity, dermal

Additional label elements / Information on certain ingredients:

EUH 208 Contains linalool and limonen. May cause an allergic reaction

Supplementary Precautionary Statements:

None.

PBT or vPvB according to Annex XIII: No additional data available.

Adverse physio-chemical properties: No additional data available.

Adverse effects on human health: No additional data available.

3. Composition/Information on ingredients

3.1 Substances

No additional data available.

3.2 Mixtures

- Hazardous ingredients:

Chemical name	<u>EINECS №.</u> <u>CAS №</u>	Contents, %	Classification: Regulation (EC) No 1272/2008
Linalylacetate	<u>204-116-4</u> 115-95-7	30,0 –42,0	H319 H315 H412
Linalool	<u>201-134-4</u> 78-70-6	22,0 –34,0	H319 H315 H317 H410
Limonene	<u>227-813-5</u> 5989-27-5	Max 0,6	H226 H315 H317 H410
Ocimene	<u>237-641-2</u> 13877-91-3	5,0-14, 0	H226 H302 H317 H412
Terpinen-4-ol	<u>209-235-5</u> 562-74-3	2,0- 5,0	H302 H319 H315
Geraniol	<u>203-377-1</u> 106-24-1	Max 0,6	H319 H315 H317 H410

4. First Aid Measures

4.1 Description of first aid measures

Inhalation:

Do not leave affected person unattended.

Remove victim out of the danger area.

Provide fresh air.

Ingestion: No additional data available.

Skin Contact:

Remove contaminated, saturated clothing immediately.

After contact with skin, wash immediately with plenty of water and soap.

Eye Contact:

No additional data available.

4.2 Most important symptoms and effects, both acute and delayed

No additional data available.

4.3 Indication of any immediate medical attention and special treatment needed
Special requirements: Treat symptomatically.

5. Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing Media> Foam, Carbon dioxide or dry powder.

Unsuitable extinguishing Media-DO NOT USE: Avoid full water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards:

B (Fires of liquids or liquid turning substances): In case of fire toxic fumes like carbon monoxide and carbon dioxide may be liberated.

Burning produces heavy smoke.

5.3 Advice for firefighters

Special firefighting procedures/ protective actions:

Move undamaged containers from immediate hazard area if it can be done safely. Use suitable breathing apparatus.

Regard to self protection.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:

Wear personal protection equipment. Avoid contact with skin, eye and clothing. Provide adequate ventilation.

Give a warning to persons in the hazard area.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Spill Clean Up Methods: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4 Reference to other sections

Section 8 – Exposure controls/ personal protection for further information on personal precautions.

Section 13 – Disposal considerations for further information on waste treatment.

7. Handling and Storage

7.1 Precautions for safe handling

Usage precautions:

Wear personal protective clothing (see section 8). Do not breathe gas/fume/vapour/spray.

Use only in well-ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities

Storage Precautions: Keep container tightly closed in a cool, well-ventilated place.

Suitable Packaging: No additional data available.

7.3 Specific end use(s)

No additional data available.

Components with workplace control parameters: No additional data available.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Specific information on ingredients of essential oil lavender for which there are Community workplace exposure limit (s)

LINALYL ACETATE: Long-term exposure - inhalation - systemic effects

DNEL: 2.75 mg / m³

LINALOOL: Long-term exposure - inhalation - systemic effects

DNEL: 2.8 mg / m³

LIMONENE: Long-term exposure - inhalation - systemic effects

DNEL: 33.3 mg / m³

8.2 Exposure controls

Protective Equipment:



Process conditions: Technical measures and the application of suitable work processes have priority over personal protection equipment.

Engineering Measures: Provide adequate ventilation.

Respiratory Equipment: If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Hand Protection:

Use solvent and acid resistant protection gloves according to EN 374.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Take recovery periods for skin regeneration.

Eye Protection: Use protection goggles according to EN166.

Other Protection: No additional data available.

Hygiene Measures:

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Keep away from foodstuffs, beverages and feed.

Personal protection: No additional data available. **Skin protection:** No additional data available.

Environmental exposure controls: See section 6 and 7

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Clear, easy-moving liquid.
Colour: Pale yellow to yellow.
Odour: Characteristic.
Relative Density: 0.8790 to 0.8880 @ 20°C.
Flash Point (°C): >100°C.
Refractive Index: 1.4590 to 1.4630 @ 20°C.
Melting Point (°C): No additional data available.
Boiling Point (°C): No additional data available.
Explosive properties: Not classified as explosive.
Vapour Pressure: No additional data available.
Solubility in Water @20°C: Insoluble in water.
Solubility in oils: Soluble

9.2 Other information

No additional data available.

10. Stability and Reactivity

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

Product is stable at room temperature.

10.3 Possibility of hazardous reactions

No dangerous reactions expected if used according to specifications.

10.4 Conditions to avoid

Storing the product in open containers will benefit the formation of peroxides and derogate the quality.

10.5 Incompatible materials

No additional data available.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

LD50 (oral) in mg/kg: > 5000

LD50 (dermal) in mg/kg: > 5000.

Skin corrosion / irritation: No additional data available.

Serious eye damage / irritation: No additional data available. **Respiratory or skin sensitisation:** No additional data available. **Ingestion:** No additional data available.

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

12.1 Toxicity

Ecotoxicity: No additional data available.

12.2 Persistence and degradability

No additional data available.

12.3 Bioaccumulative potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB assessment

No additional data available.

12.6 Other adverse effects

Precautions: No additional data available.

13. Disposal Considerations

13.1 Waste treatment methods

Disposal Methods:

Hazardous waste according to waste regulation.
Dispose according to legislation.
Delivery to an approved waste disposal company.
Non-contaminated packages may be recycled.
Warning Icon: Not regulated.

14. Transport Information

14.1 UN number

UN No Road – ADR/RID/ADN: 3082

UN No Sea- IMDG: None.

UN No Air – IATA: None.

14.2 UN proper shipping name

Road – ADR/RID/ADN: None.

Sea- IMDG: None.

Air - IATA: None.

14.3 Transport hazard class(es)

Road – ADR/RID/ADN: None.

Sea- IMDG: None.

Air - IATA: None.

14.4 Packing group

Road – ADR/RID/ADN: None.

Sea- IMDG: None.

Air - IATA: None.

14.5 Environmental hazards

Environmentally hazardous substance/ marine pollutant: Not regulated.

14.6 Special precautions for user

Precautions: No additional data available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No additional data available.

15. Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU Directives: Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.

Statutory Instruments: The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).

Approved Code of Practice:

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations

Guidance Notes: Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

15.2 Chemical safety assessment

A chemical assessment for this product has not been carried out.

16. Other Information

Hazard Statements in Full:

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H 304 May be fatal if swallowed and enters airways

H 315 Causes skin irritation

H 317 May cause an allergic skin reaction

H 319 Causes serious eye irritation

H410 Very toxic to aquatic life with long lasting effects.

H 412 Harmful to aquatic life with long lasting effects

Prevention Precautionary Statement Codes

P 273 – Avoid release to the environment.

P 280- Wash...thoroughly after handling

Response Precautionary Statement Codes

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Storage Precautionary Statement Codes:

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Disposal Precautionary Statement Codes:

P 501 Dispose of contents/container to ... Acute toxicity, dermal

Additional label elements / Information on certain ingredients:

EUH 208 Contains linalool and limonen. May cause an allergic reaction

Other Information: None.

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 SDS 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.

Date:13.11.2018 Version: 1

END OF THE SAFETY SHEET