

Lavender essential oil safety data sheet

according to the requirements of regulation CLP 1272/2008 update 28.07.2018

Version : SDS/2022/07

Product Name : LAVENDER OIL BULGARIAN

SECTION 1: Identification of the substance/ mixture and of the Company / undertaking

1.1 Product Identifiers

Product Name : LAVENDER OIL BULGARIAN
Type of product: Essential oil
Chemical Name: Lavandula angustifolia Mill
Identification of usage: It is used for the production of cosmetic products. Not recommended for direct consumption
Chemical name for IUPAC: There is no
EINECS NUMBER: 289-995-2
CAS No. (TSCA): 8000-28-0
CAS EINECS : 90063-37-9

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available

Application of the substance / preparation: Perfumes & Fragrances

1.3 Manufacturer / Supplier Details:

Atanasov67 & Son LDT.

Bulgaria 9500

City: General Toshevo

Address: Asen Zlatarov 39 Street

Email: stoianatanasov67@gmail.com

1.4 Information in case of emergency:

Mr. Stoian Atanasov

Ph.: +359889 62 88 55; +359897484472

Email : stoianatanasov67@gmail.com

SECTION 2 : Hazard Identification

2.1 Classification of the substance / preparation

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

Asp. Tox. 1	H304: May be fatal if swallowed and enters airways
Skin Irrit. 2	H315: Causes skin irritation
Aquatic Chronic 3	H412: Harmful to aquatic life with long-lasting effects
Eye Irrit 4	H319: Eye irritation

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



GHS07



GHS08

Hazard Determining components of Labeling

Lavender essential oil safety data sheet

according to the requirements of regulation CLP 1272/2008 update 28.07.2018

Version : SDS/2022/07

Product Name : LAVENDER OIL BULGARIAN

LINALOOL
LIMONENE
GERANIOL

Hazard Statements

H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H412 Harmful to aquatic life with long lasting effects
H319 Eye irritation

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P264 Wash ... thoroughly after handling
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection
P331 Do NOT induce vomiting
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+352 IF ON SKIN: Wash with soap and water
P332+313 If skin irritation occurs: Get medical advice/attention
P403+235 Store in a well ventilated place. Keep cool
P501 Dispose of contents/container to ... (in accordance with local/regional/national/international regulation)

2.3 Other Hazard

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

SECTION 3: Composition / Information of Ingredients

3.1 Chemical characterisation: Substance





CAS Number : 8000-28-0

EINECS CAS Number : 90063-37-9

Description: *Lavandula angustifolia* Mill.

The product is extracted by steam distillation. No chemical reagents are used in its production. Bulgarian lavender oil is characterized by a lasting delicate aroma, although the content of linal acetate is low.

3.2 Dangerous components:

Name of substance	CAS Number	Amount %	Classification according EO 1272/2008	Icons
Linalyl Acetate	115-95-7	25-46%	H315, H317,H319	
Linalol	78-70-6	25-40%	H303,H319,H227,H315,H402	
Limonene	138-86-3	0.4-1.2%	H304,H226,H315,H317,H410	
Geraniol	106-24-1	Max 1%	H303,H315,H317,H401,H318	

All other ingredients are in negligible concentration.

3.3 Additional Informations :

For the wordings of listed H statements refer to section 16

Lavender essential oil safety data sheet

according to the requirements of regulation CLP 1272/2008 update 28.07.2018

Version : SDS/2022/07

Product Name : LAVENDER OIL BULGARIAN

SECTION 4 : First AID Measures

4.1 Description of first aid measures

General information:

If health disorder happens, call for medical help immediately.

Immediately remove any clothing soiled by the product.

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5 : Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, alcohol resistant foam, powder, water spray.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Smoke and soot

Do not use water with full jet to prevent fire spreading.

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Follow safety measures in chapter 7 and 8.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Wipe up little amounts with absorbent material like cloth or pulp.

Water and cleansing agent

Absorb with incombustible liquid-binding material (sand, diatomite, universal binders).

Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

Keep ignition source away, do not smoke and avoid flames.

See Section 7 for information on safe handling.

Lavender essential oil safety data sheet

according to the requirements of regulation CLP 1272/2008 update 28.07.2018

Version : SDS/2022/07

Product Name : LAVENDER OIL BULGARIAN

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling personal protection equipment see point 8.

Information about fire - and explosion protection:

Fumes can combine with air to form an explosive mixture.

Moistened solids (e.g. cloth, pulp, filter panel, binder) has to be stored hermetically sealed and/or watered and proper disposed (see chapter 9 and 13).

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Provide solvent resistant, sealed floor.

Information about storage in one common storage facility: Store away from oxidising agents.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Storage class: 3

Classification according to Betriebs-sicherheitsverordnung (BetrSichV) Flammable

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

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

No Data Available

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Use personal protective equipment depending on concentration and amount of hazardous substance.

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 skin.

Avoid contact with the eyes and skin.

Respiratory protection:

Suitable respiratory protection: filter class A2 (brown colour).

Use the rules for application of respiratory protection systems.

Protection of hands:

Preventive skin protection by use of skin-protecting agents is recommended.



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The election of 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.

Penetration time of glove material

> 480 minutes at layerthickness of 0,425 millimeter (Sol-Vex 37-695/Ansell).

Lavender essential oil safety data sheet

according to the requirements of regulation CLP 1272/2008 update 28.07.2018

Version : SDS/2022/07

Product Name : LAVENDER OIL BULGARIAN

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Nitrile rubber, NBR

E.g. following product: Sol-Vex (37-695) from Ansell.

As protection from splashes gloves made of the following materials are suitable: PVC gloves

Eye protection:



Tightly sealed goggles according to EN 166:2001

Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

General Information

Form	:	Liquid
Colour	:	Pale yellow to yellow
Odour	:	Typical of lavender oil
Odour Threshold	:	N/A
Change in Condition		
Melting Point °C	:	N/A
Boiling Point °C	:	N/A
Flash Point (Closed Cup) °C	:	69°C
Specific Gravity/Relative Density	:	0.880 @20°C
Refractive Index	:	1.462 @20°C
Vapour Density	:	N/A
Vapour Pressure	:	N/A
Solubility:		
Water	:	Insoluble
Alcohol	:	1:10(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	:	-9.68 at 20°C
Surface Tension	:	N/A
Partition Coefficient	:	N/A
Granulometry	:	N/A
Oxidising Properties	:	N/A

Lavender essential oil safety data sheet

according to the requirements of regulation CLP 1272/2008 update 28.07.2018

Version : SDS/2022/07

Product Name : LAVENDER OIL BULGARIAN

Viscosity : Not estimated

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2. Chemical stability

Thermal decomposition / conditions to be avoided:

Heating causes vaporisation and formation of ignitable atmosphere is possible.

10.3 Possibility of hazardous reactions

Formation of explosive gas mixture with air possible.

Product is not selfigniting; but in case of unpropitious storing conditions (air admission, heat accumulation) selfignition is possible for moistened solids (e.g. cloth, pulp, filter panels, binder).

Reacts violently with oxidising agents.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

No dangerous decomposition products expected by intended use.

SECTION 11: Toxicological information

11.1 Toxicological Information Acute

Oral	4250 mg/kg bw (rat)
Inhalation	No data available
Skin	>5000 mg/kg bw (rabbit)

11.2 Exposure Limits No data available

Note : There is a blanket recommendation of 10 mg/m³ for inspirable dusts or mists when limits have not otherwise been

SECTION 12: Ecological information

12.1 Toxicity

PNEC Oral	No data available
EC50 (48hrs)	No data available
LC50 (96hrs)	No data available

12.2 Persistence and degradability Not Determined

12.3 Mobility in Soil Not Determined

12.4 Results of PBT and vPvB assessment No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Product/packaging disposal

Handle in accordance with official provisions

Waste treatment options

Lavender essential oil safety data sheet

according to the requirements of regulation CLP 1272/2008 update 28.07.2018

Version : SDS/2022/07

Product Name : LAVENDER OIL BULGARIAN

Recycling is preferred to disposal or burning

Disposal conditions

Dispose of in accordance with all federal, state and local environmental regulations.

13.2 Recommendations:

Empty contaminated packing thoroughly as they may be recycled

Moistened solids to be dispose-off adhering to necessary technical regulations after consulting concerned authorities

SECTION 14: Transport information

14.1 Land Transport (ADR/RID/GGVSE)

UN Number	Not regulated
DG Class	N/A
Packing Group	N/A
Proper Shipping Name	N/A
Classification code	N/A

14.2 Sea Transport (IMDG-Code/GGVSE)

UN Number	Not regulated
DG Class	N/A
Packing Group	N/A
Proper Shipping Name	N/A
Marine Pollutant	N/A

14.3 Air Transport (ICAO-TI/IATA-DGR)

UN Number	Not regulated
DG Class	N/A
Packing Group	N/A
ADR/IMDG/IATA Labels:	

14.4 Special precautions for users:

Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash before reuse.
Prevent entry into drains, ground/surface water or sewerage system.

Transport in bulk .Only galvanized barrels are required to be transported.

ADR - is not a dangerous substance.

RID - is not a dangerous substance.

UN list number – no assigned

Exact shipment name – not specified

Transport hazard class – not specified

Packing group – not specified

SECTION 15: Regulatory information

- **Substance or mixture specific for safety, health and environment.**
- **Regulation 649/2012 /ECon the export and import of dangerous chemicals PIC- none of the ingredients are listed.**

Lavender essential oil safety data sheet

according to the requirements of regulation CLP 1272/2008 update 28.07.2018

Version : SDS/2022/07

Product Name : LAVENDER OIL BULGARIAN

- Regulation 1005/2009 /EOon substances that deplete the ozone layer ODS - none of the ingredients are listed.
- Regulation 850/2004 /EOon persistent arable pollutants - none of the ingredients are listed.
- Restriction according to REACH, appendix 17 - none of the ingredients are listed.
- List of substances subject to authorization, REACH Annex 14 - none of the ingredients are listed.

15.1 EU regulations:

The product has been classified and marked in accordance with EU Directives/ Ordinance on Hazardous Materials.

15.2 Water Hazard Class (Germany): **WGK 2**

No data

15.3 Chemical safety Assessment available

15.4 Other regulations, limitations and prohibitive regulations

EPA No
TSCA Yes
DSL Yes
Preposition 65 No

Comply with the rules and regulations of skin protection.

SECTION 16: Other information

16.1 Abbreviations used:

EC European Commission
EU European Union
DG Dangerous Goods
CAS Chemical Abstract Service
EINECS European Inventory of Existing Commercial chemical Substances
GHS Globally Harmonized System
CMR Carcinogen, Mutagen, Reprotoxic
PNEC Predicted No Effect Concentration
EC50 Effective Concentration 50 percent
LC50 Lethal Concentration 50 percent
PBT Persistent Bioaccumulative and Toxic
vPvB Very Persistent Very Bioaccumulative
EWC European Waste Catalogue
EmS Emergency Medical Services
ADR Transport of Dangerous Goods by Road
RID International Carriage of Dangerous Goods by Rail
GGVSE German Regulation on the Transport of Dangerous Goods by Road and Rail
MDG International Maritime Dangerous Goods
ICAO-TI International Civil Aviation Organization-Technical Instructions
IATA-DGR International Air Transport Association-Dangerous Goods Regulation
WGK Wassergefährdungsklassen
EPA Environmental Protection Agency
TSCA Toxic Substance Control Act
DSL Dangerous Substance List

16.2 Labelling in accordance with Directive 67/548/EEC

Symbols



R-Phrases

R38 Irritating to skin
R43 May cause sensitisation by skin contact
R65 Harmful: may cause lung damage if swallowed

Lavender essential oil safety data sheet

according to the requirements of regulation CLP 1272/2008 update 28.07.2018

Version : SDS/2022/07

Product Name : LAVENDER OIL BULGARIAN

R52/53 **S-** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Phrases

S24 Avoid contact with skin

S61 Avoid release to the environment. Refer to special instructions/safety data sheet

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible

16.3 Full text of the H-Statement used in Section -3. (follow the link)

http://ec.europa.eu/enterprise/sectors/chemicals/files/ghs/signalwords_hs_ps_en.xls

16.4 Quality Declaration

The information contained herein is based on the present state of our knowledge. It characterizes the product with regards to the appropriate safety precaution.