



Material Safety Data Sheet

BULGARIAN ORGANIC LAVENDER OIL

According to Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1. Identification of the substance/preparation:

Lavender Oil (Lavendula Angustifolia)

CAS number: 8000-28-0

Alternative CAS number: N/A

EC number: 289-995-2 FEMA: 2622

CoE : 257

1.2 Use of the substance/preparation

Preparation of aromatic substances, flavouring substance and mixture for professional use

1.3 Name and address of manufacturer who offers the chemical substance/preparation to the market

DK Ventures GmbH

Döllesweg 2

61350 Bad Homburg

Deutschland

E-Mail: info@dk-ventures.eu Webseite: www.advanced-essentials.com

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Warning notice: DANGER



AH 1 -ASPIRATION HAZARD 1

EDI2 - SERIOUS EYE DAMAGE / EYE IRRITATION 2

EDI2A - SERIOUS EYE DAMAGE / EYE IRRITATION 2A

EHC3 - DANGERS FOR THE AQUATIC ENVIRONMENT – CHRONIC 3

SCI2 - SKIN CORROSION / SKIN IRRITATION

SS1B - SKIN SENSITIZATION 1B

H304 IT CAN BE FATAL IF SWALLOWED AND ENTERED INTO THE RESPIRATORY TRACT

H 315 CAUSE SKIN IRRITATION

H 317 COULD CAUSE SKIN ALLERGY

H 319 COULD CAUSE SERIOUS EYE IRRITATION

H412 HARMFUL FOR AQUATIC ORGANISMS, RESULTING IN LONG-TERM NEGATIVE EFFECTS

P261 AVOID BREATHING DUSTS / SMOKE / GAS / FOG / VAPORS / AEROSOLS

P264 WASH YOURSELF CAREFULLY AFTER HANDLING

P272 CONTAMINATED WORK CLOTHS SHOULD STAY ON SITE

P273 AVOID RELEASE INTO THE ENVIRONMENT

P280 WEAR PROTECTION GLOVES/PROTECTION CLOTHES/PROTECTION EYEWARE OR FACEWARE

P301+P310 – IN CASE OF INGESTION, CALL IMMEDIATELY AN ANTIPOISON CENTER /A DOCTOR/

101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read carefully and follow all instructions.

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

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

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

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 according to legislation.

2.2 Label elements:





2.3 Other hazards

N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

N/A

3.2 Mixture

• 30% - 42% *3,7-Dimethyl octa-1,6-diene-3-yl acetate*

CAS: 115-95-7 EC: 204-116-4

Xi; R36/38

3.3/2 Eye Irrit. 2 H319

3.2/2 Skin Irrit. 2 H315

• 22% - 34% *3,7-Dimethyl octa-1,6-diene-3-ol*

CAS: 78-70-6 EC: 201-134-4

Xi; R38

3.2/2 Skin Irrit. 2 H315

• 3% - 10% *OCIMENE*

CAS: 13877-91-3 EC: 237-641-2

Xn; R10-65

2.6/3 Flam. Liq. 3 H226

3.10/1 Asp. Tox. 1 H304

• 2% - 5% *TERPINEN-4-OL*

CAS: 562-74-3 EC: 209-235-5

Xn, Xi; R22-38

3.1/4/Oral Acute Tox. 4 H302

3.3/2 Eye Irrit. 2 H319

3.2/2 Skin Irrit. 2 H315

• 0.2-0.6% *(R)-p-Mentha-1,8-diene - Limonene*

CAS: 5989-27-5 EC: 227-813-5

Xi, N; R10-38-43-50/53

2.6/3 Flam. Liq. 3 H226

3.2/2 Skin Irrit. 2 H315

3.4.2/1 Skin Sens. 1 H317



3.10/1 Asp. Tox. 1 H304

4.1/C1 Aquatic Chronic 1 H410

4. FIRST AID MEASURES

4.1 Description of first aid measures
Inhalation Move to fresh air. Obtain medical advice, if necessary.
Skin contact Wash off thoroughly with water and soap. Remove contaminated clothes. In case of itching or irritation occur, obtain medical advice.

Eye contact

Rinse immediately with plenty of water for at least 10 minutes. Obtain medical advice in case of irritation.

Ingestion

Rinse mouth with water. Obtain medical advice, if necessary. Do not induce vomiting without any medical surveillance.

4.2 Most important symptoms and effects, both acute and delayed

None

4.3 Indication of any immediate medical attention and special treatment needed

No supplementary information available.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media Fire Class B: Fire with liquid materials or materials which liquefy.

Foam, ABC powder, BC powder,
Carbon Dioxide (CO₂)

5.2 Means unsuitable for fire extinguishing due to security reasons

D powder

Water

Do not use water for direct extinguishing. Dangerous!

Specific dangers related to exposure to the substance/preparation and products resulting thereof of burning and discharging gases

Use personal protective equipment and suitable clothing. Protect skin and eyes.

5.3 Advice for firefighters:

Possible discharge of toxic gases upon burning. Use protective equipment – gas mask.



Other information: No supplementary information available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Ensure immediate ventilation of premises. Use personal protective equipment. Remove ignition sources.

6.2 Environmental precautions

Cover flood with inert, non-combustible materials. Collect in a suitable disposal container. Do not allow sewerage leaking.

6.3 Cleaning materials

Non-organic, non-combustible sorbents (such as sand, talk powder, etc.)

Other information: No supplementary information available

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Observe good hygiene in the place of storage. Do not allow spilling of combustible materials in the storage premises.

7.2 Storage

Store in dry, intact, tightly sealed containers, at cool temperatures (5 – 30 °C) and away of sunlight.

7.3 Specific use

N/A

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

- 3,7-Dimethyl octa-1,6-diene-3-yl acetate - Index: NA, CAS: 115-95-7, EC No: 204-116-4
TLV TWA - TLV STEL- VLE 8h- VLE short: None.
- 3,7-Dimethyl octa-1,6-diene-3-ol - Index: NA, CAS: 78-70-6, EC No: 201-134-4
TLV TWA - TLV STEL- VLE 8h- VLE short: None.
- OCIMENE - Index: NA, CAS: 13877-91-3, EC No: 237-641-2
TLV TWA - TLV STEL- VLE 8h- VLE short: None.
- TERPINEN-4-OL - Index: NA, CAS: 562-74-3, EC No: 209-235-5
TLV TWA - TLV STEL- VLE 8h- VLE short: None.
- (R)-p-Mentha-1,8-diene - Index: NA, CAS: 5989-27-5, EC No: 227-813-5
TLV TWA - TLV STEL- VLE 8h- VLE short: None.

8.2 Exposure controls



Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Other information: Do not eat, drink or smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information Appearance: Fluid opalescent liquid • Odor: Typical of Lavender. • Colour: Pale yellow • Taste: Not available.

Specific information related to human health, safety and environment

• pH – not applicable • temperatures/temperature intervals when changes in the physical conditions occur • Boiling point - 340 °C • Freezing point – no data available • flash point (liquid/gas) - 67 °C • explosive properties - none • oxidizing properties - none • vapor pressure – no data available • relative density - 0,870 – 0,890 at 20 °C • solubility in water - insoluble • solubility in organic solvents – Ethanol (75%) 1:2 • partition coefficient: n-octanol/water – no data available • viscosity – no data available • vapor density – no data available • evaporation rate – no data available



9.2 Future information

N/A

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions - N/A

10.4 Condition of avoid

Keep away from heat sources, open flames and sunlight.

10.5 Possibility of hazardous reactions - N/A

10.6 Hazardous: None

11. TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

- LAVENDER OIL - Index: N.A., CAS: 90063-37-9, EC No: 289-995-2

Oral LD50 - 2000 mg/kg -rats

Dermal LC50 - 2000 mg/kg – rabbits

3,7-Dimethyl octa-1,6-diene-3-yl acetate - Index: N.A., CAS: 115-95-7, EC No: 204-116-4

Oral rat LD50: 14600 mg/kg

- 3,7-Dimethyl octa-1,6-diene-3-ol - Index: N.A., CAS: 78-70-6, EC No: 201-134-4

Oral LD50 (rat): 2790 mg/kg

Dermal LD (rabbit): > 5000 mg/kg

- OCIMENE - Index: N.A., CAS: 13877-91-3, EC No: 237-641-2

LD50 oral (rats):>5 g/kg

LD50 dermal (rabbits):>5 g/kg

- TERPINEN-4-OL - Index: N.A., CAS: 562-74-3, EC No: 209-235-5

LD50 oral: 1.3 g/kg (rat)

LD50 oral: 5 g/kg (rabbit)

- (R)-p-Mentha-1,8-diene - Index: N.A., CAS: 5989-27-5, EC No: 227-813-5



Oral (rat) : LD50 4400 mg/kg

Oral (mice): LD50 > 5500 mg/kg

Dermal (rabbit): LD50 >2000 mg/kg

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Adopt good working practices, so that the product is not released into the environment.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability - None

12.3 Bioaccumulate potential - N.A.

12.4 Mobility in soil - N.A.

12.5 Results of PBT and vPvB assessment - N.A.

List of substances dangerous for the environment and corresponding classification:

< 1% (R)-p-Mentha-1,8-diene

CAS: 5989-27-5 EC: 227-813-5

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Fish (P.Promelas) : LC50 33mg/l - 96h

Daphia magna: EC50 69.6 mg/l - 48h

vPvB Substances: - PBT Substances: None

12.6 Other adverse effects

No additional information available.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment

Treat wastes according to the local and national legislation.

14. TRANSPORT INFORMATION

RID / ADR No restrictions IMDG No restrictions ICAO / IATA No restrictions

14.1 UN number - Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name - N.A.

14.3 Transport hazard class(es) - N.A.

14.4 Packing Group - N.A.



14.5 Environmental hazards - N.A.

14.6 Special Precautions for User - N.A.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Regulation (CE) n.1272/2008 (CLP)

Hazard symbols:

Xn  harmful

phrases:

R 38 - Irritating to skin.

R 52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R 65 - Harmful: may cause lung damage if swallowed

S phrases:

S 37 - Keep container tightly closed in a cool place.

S 25 – Avoid contact with eyes.

S 62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

15.1.1 EU-Regulations

Information required by Regulation (EC) N° 127 2/2008 of the European Parliament and the Council of 16

December 2008 on classification, labeling and packaging of substances and mixtures (CLP):

Classification:

Skin Irrit. 2 – Corrosion/skin irritation

Asp. Tox. 1 - Aspiration hazard

Aquatic Chronic 1 -Hazardous to the aquatic environment

H phrases:

H315 - Corrosion/skin irritation, hazard category 2

H304 - Aspiration hazard, hazard category 1

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

Signal word :



Danger

Warning Danger

Recommendation on the safety response P301 + P310, P331

Recommendation for safety in storage P405

Safety recommendation for disposal P501

15.1.2 Nation regulations

No additional information available.

16. OTHER INFORMATION

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU. Lavender oil is a product used in the cosmetic and perfumery industry, as well as a component in the pharmaceutical industry. The information provided is based on reliable and known data. This SDS cancels and replaces any preceding release.