AW Nexus Group, ul. Olimpijska 2, 81-538 Gdynia
NIP: 5881771302
Tel 786 686 068
https://aromapremium.eu/
kontakt@aromapremium.eu

Lavender Organic Essential Oil

PRODUCT DESCRIPTION	PHYSICO-CHEMICAL DATA
Botanical name : Lavandula angustifolia INCI name : Lavandula Angustifolia Oil Quality : 100% Pure and Natural	Specific gravity : 0.875-0.895 Refractive index : 1.450-1.464 Optical rotation at 20°C : -12° to -7° Solubility : Soluble in alcohols and fixed oils; Insoluble in water

DESCRIPTION	MANUFACTURING DETAILS
Odour : Fresh, Light, Clear, Sweet Note classification : Top to middle Note Appearance : Clear, Mobile Liquid Colour : Colorless to Pale Yellow	Flower oil parts used : Flowering tops Extraction Method : Steam Distilled Essential Oil Cultivation : Certified organic

LEGISLATION	STABILITY AND STORAGE
CAS-No : 8000-28-0 EINECS : 289-995-2	Keep in tightly closed container in a cool and dry place from 15°C (59°F) to 16°C (60.8°F). Avoid exposure to light. When stored for more than 24 months, quality should be checked before use.

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifiers

Product name : Lavender Oil

Brand : Vessel Essential Oils

CAS-No. : 8000-28-0

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

Identified uses : Laboratory chemicals, Manufacture of substances

1.3. Details of the supplier of the safety data sheet

1.4. Manufacturer : Vessel Essential Oils

1.5. Importer / Distributor (EU)

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https://aromapremium.eu/, kontakt@aromapremium.eu

Numer telefonu alarmowego
W nagłych przypadkach związanych z narażeniem na produkt:
Ośrodki Informacji Toksykologicznej (całodobowe):

- **Ośrodek Kontroli Zatruć, Warszawa** – tel. 607 218 174 (woj. mazowieckie, łódzkie, podlaskie, lubelskie)
- **Pomorskie Centrum Toksykologii, Gdańsk** – tel. 58 682 04 04 lub 512 069 737 (woj. pomorskie,

zachodniopomorskie, warmińsko-mazurskie, kujawsko-pomorskie)
- **Oddział Toksykologii im. dr Wandy Błeńskiej, Poznań** – tel. 61 847 69 46 (woj. wielkopolskie, lubuskie, dolnośląskie, opolskie)
- **Pracownia Informacji Toksykologicznej UJ CM, Kraków** – tel. 12 411 99 99 (woj. małopolskie, podkarpackie, śląskie, świętokrzyskie)

For other EU countries: please contact the local National Poison Centre (available numbers: https://poisoncentres.echa.europa.eu

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Flammable liquids (Category 4), H227

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2. GHS Label elements, including precautionary statements

Pictogram: none

Signal word: Warning

Hazard statement(s)
H227: Combustible liquid.

Precautionary statement(s)
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P403 + P235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/ container to an approved waste disposal plant.

2.3. Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

CAS-No. : 8000-28-0

Hazardous components

Component	Classification	Concentration
Oils, lavender		
	Flam. Liq. 4; H227	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1. Description

of first aid

measures

General

advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3. Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1. Extinguishing

media Suitable

extinguishing

media
For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply
water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

5.2. Special hazards arising from the substance or mixture
No data available

5.3. Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4. Further information
Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove allsources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
For personal protection see section 8.

6.2. Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4. Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking.Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

7.2. Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis

Oils, lavender	8000-28-0	TWA	10.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	5.000000 mg/m3	USA. NIOSH Recommended Exposure Limits

8.2. Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective

equipment Eye/face

protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved
under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a)	Appearance	Form: clear, liquid
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	No data available
f)	Initial boiling point and boiling range	204 °C (399 °F) - lit.
g)	Flash point	65 °C (149 °F) - closed cup
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available No data available
j)	Upper/lower flammability or explosive limits	
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	0.880 g/cm3 at 25 °C (77 °F) No data available
n)	Water solubility	No data available
o)	Partition coefficient: n- octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available

s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2. Other safety information

No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity
No data available

10.2. Chemical stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
No data available

10.4. Conditions to avoid
Heat, flames and sparks.

10.5. Incompatible materials
No data available

10.6. Hazardous decomposition products
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1. Information on

toxicological effects

Acute toxicity
LD50 Oral - Rat - 4,250 mg/kg

Inhalation: No data available

LD50 Dermal - Rabbit - >

5,000 mg/kg No data

available

Skin corrosion/irritation
Skin - Rabbit
Result: Mild skin irritation

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
No

data

avail

able

No

data

avail

able

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information

Dermatitis, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity
No data available

12.2. Persistence and degradability
No data available

12.3. Bioaccumulative potential
No data available

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6. Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1. Waste

treatment

methods

Product
This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer
surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

UN Number: N/A

UN Proper shipping name: N/A

Transportation hazard classes

Road (U.S. DOT): Not dangerous goods
Air (IATA): Not dangerous goods
Sea (IMDG): Not dangerous goods

Packing group: N/A

Proper shipping name: Not regulated

Poison Inhalation Hazard: No

Class: NONE

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Fire Hazard

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Oils, lavender	8000-28-0	2018-08-11

New Jersey Right To Know Components

	CAS-No.	Revision Date
Oils, lavender	8000-28-0	2018-08-11

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Flam. Liq.	Flammable liquids
H227	Combustible liquid.

HMIS Rating

Health hazard:	1
Chronic Health Hazard:	
Flammability:	2
Physical Hazard	0

NFPA Rating

Health hazard:	0
Fire Hazard:	2

Further information

Packaging:
Suitable for glass, aluminum, F/HDPE. Do not use other plastics.
Quality Assurance:

As the users' conditions of work are not known, the information contained in this Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulations. 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 users' 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.

Date: July 2025

PRODUCT DESCRIPTION

Product name :	Lavender Essential Oil
Product Type :	Essential oil
Label Name :	Greek Lavender Organic Essential Oil
BATCH No :	E1001790
Date of Production :	July 2025
Date of Expiration :	July 2030
Origin :	Greece

TECHNICAL INFORMATION

Organoleptic	Result
Aroma : Appearance : Color :	Conforms to standard Conforms to standard Conforms to standard

PHYSICAL CONSTANTS AT 20^{O} C

Analysis	Method	Result
Refractive Index :	USP <831>	1.458
Specific Gravity :	USP<841>	0.881
Optical Rotation :	USP <781>	-8.64^{o}

ANALYSIS METHOD:

Gas chromatography (GC/FID) +GC/MS-SCAN
Components are identified by GC-MS being processed by “Total Ion Chromatogram” mode, and quantified by GC-FID, using the relative area percentage

GC ANALYSIS

Compounds	CAS No	%	Chemical Fa
Beta-Myrcene	123-35-3	0.66	Monoterpene
Limonene	138-86-3	0.31	Monoterpene
Beta-Phellandrene	555-10-2	0.14	Monoterpene
1,8-Cineole	470-82-6	0.84	Monoterpenic Ether
Cis-Beta-Ocimene	3338-55-4	7.51	Monoterpene
Trans-Beta Ocimene	3779-61-1	4.13	Monoterpene
3-Octanone	106-68-3	0.66	Aliphatic Ketone
Hexyl Acetate	142-92-7	0.23	Aliphatic Ester
1-Octen-3-yl Acetate	2442-10-6	0.60	Aliphatic Ester
Camphor	76-22-2	0.31	Monoterpenic Ketone
Linalool	78-70-6	27.42	Monoterpenic Alcohol
Linalyl Acetate	115-95-7	32.97	Monoterpenic Ester
Lavandulyl Acetate	25905-14-0	3.75	Monoterpenic Ester
Terpinen-4-ol	562-74-3	4.77	Monoterpenic Alcohol
Alpha-Santalene	512-61-8	0.44	Sesquiterpene
Trans-Beta Caryophyllene	87-44-5	3.07	Sesquiterpene
Trans-Beta Farnesene	18794-84-8	3.01	Sesquiterpene
Lavandulol	498-16-8	0.90	Monoterpenic Alcohol
Alpha-Terpineol	98-55-5	0.97	Monoterpenic Alcohol
Borneol	507-70-0	0.62	Monoterpenic Alcohol
Geraniol	106-24-1	0.23	Monoterpene