

## Material safety data sheet

According to EU Regulation 1907/2006 in the current version

### LAVENDER WATER ORGANIC

#### 1. Identification of the substance/mixture and company

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Trade name: Lavender Water, Organic  
Steam distilled using spring water, 100 % pure and natural

I.N.C.I. Lavandula Angustifolia Flower Water

CAS No.: 90063-37-9

EC No.: 289-995-2

REACH pre-registration No.: /

Utilization: Raw material for personal care, ingredient for cosmetics

Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania  
Tel/Fax: +40259-436.755, [www.ellemental.com](http://www.ellemental.com)

Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de  
Sănătate Publică București.  
International emergency number: +49 180 2273-112

#### 2. Hazards Identification

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##### 2.1 Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This substance does not present a health hazard.

This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

##### 2.2 Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard statements: none

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Safety phrase: none

Special instructions: none

##### 2.3 Other hazards

No data available

#### 3. Declaration of ingredients

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The product contains the following ingredients:

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Substance	C.A.S.	Hazard symbols	Percent %
Lavandula Angustifolia Flower Water	90063-37-9	-	100 %

**3.1. Substances**

No substances fulfill the criteria set forth in annex II section A of the REACH regulation (EC) n° 1907/2006.

**3.2. Mixtures**

No substances fulfill the criteria set forth in annex II section A of the REACH regulation (EC) n° 1907/2006

**4. First aid measures****4.1 Description of first aid measures**

In case of contact with skin: wash the affected area immediately with plenty of soap and water, if irritation persists seek medical attention.

In case of contact with eyes: rinse with plenty of water for at least 15 minutes (while holding eyelids apart), if irritation persists seek medical attention.

If swallowed: rinse mouth with water, do not induce vomiting. Consult your doctor immediately.

In case of inhalation: take the person to fresh air, remove contaminated clothes, if difficulty of breathing persists seek medical attention.

**4.2 Main symptoms and effects, both acute and delayed**

No data available

**4.3 Indication to consult a physician immediately or any special treatments**

In case of illness contact your physician immediately.

**5. Fire fighting measures**

Non-flammable.

**5.1 Means of extinction**

In the event of fire, use specifically suitable extinguishing agents. Never use water.

Suitable methods of extinction in the event of a fire, use:

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

Unsuitable methods of extinction in the event of a fire, do not use:- water - water jet

**5.2 Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

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#### 5.3 Recommendations for fire-fighters

No data available.

#### 6. Accidental release measures

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##### 6.1 Personal precautions, protective devices and emergency procedures

In case of loss or spillage of the product, remove any flames or other sources of heat from the area where the leak occurred. Use protection if necessary for airways; protective clothing must be worn (eg. safety glasses or masks). Do not handle damaged containers or spilled product without wearing the appropriate protective equipment.

##### 6.2 Environmental precautions

Prevent the product from entering drains, superficial drains, groundwater and confined areas. In case of such contamination inform the competent authorities.

##### 6.3 Methods and materials for containment and remediation

Absorb spilled product with inert absorbent material (sand, vermiculite, diatomaceous earth). Collect most of the resulting material and deposit it in containers for disposal. Ensure adequate ventilation of the site.

##### 6.4 Reference to other sections

Disposal of the contaminated material must be carried out in accordance with the provisions of point 13.

#### 7. Handling and storage

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Requirements relating to storage premises apply to all facilities where the substance is handled.

##### 7.1 Precautions for safe handling

Always wash hands after handling. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention: Handle in well-ventilated areas.

Prevent access by unauthorized personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations

Packages which have been opened must be reclosed carefully and stored in an upright position.

##### 7.2 Conditions for safe storage, including any incompatibilities

Always keep in packaging made of an identical material to the original.

##### 7.3 Specific end uses

None.

#### 8. Exposure controls / personal protection

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##### 8.1 Control parameters

There are no specific control parameters.

##### 8.2 Exposure controls

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#### 8.2 Exposure controls

Personal protection measures, such as personal protective equipment.

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

##### 8.2.1 Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

##### 8.2.2 Hand protection

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended:

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVA (Polyvinyl alcohol)

Recommended properties:

Impervious gloves in accordance with standard EN374

##### 8.2.3 Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed

## 9. Physical and chemical properties

### 9.1 Information on physical and chemical properties

Appearance: clear to slightly hazy liquid

Color: colourless to yellowish

Odor: typical

Relative density (d 20 / 20): NA

Refractive index at 20°C: NA

Flash point: Not applicable

Odor threshold: NA

pH: 4.0 – 7.5

Melting point / freezing point: NA

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Initial boiling point and boiling range: NA  
Flash point: NA  
Evaporation rate: NA  
Flammability (solid, gas): NA  
Upper / lower flammability or explosive limits: NA  
Vapor tension: NA  
Vapor density: NA  
Solubility in water: soluble  
Partition coefficient: n-octanol / water NA  
Auto-ignition temperature: NA  
Decomposition temperature: NA  
Viscosity: NA  
Explosive properties: NA  
Oxidizing properties: NA

#### 9.2 Other information

None

#### 10. Stability and reactivity

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Stable under normal conditions of handling, use, transportation and high level of hygiene.

##### 10.1 Responsiveness

Not applicable

##### 10.2 Chemical stability

Not applicable

##### 10.3 Possibility of dangerous reactions

Not applicable

##### 10.4 Conditions to avoid

Heat, excessive heat, open flames and other sources of ignition. Do not allow product to solidify in filled, closed containers as product expands upon freezing.

##### 10.5 Incompatible materials

Avoid contact or contamination with strong acids, alkalis or oxidizing agents.

##### 10.6 Hazardous decomposition products

Not applicable

#### 11. Toxicological information

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##### 11.1 Information on toxicological effects

Toxicity to animals:

- LD50: Not available

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- LC50: Not available

Chronic effects on humans: Not available

Other toxic effects on humans: No specific information is available in our database regarding the other toxic effects of this material for humans.

Eye contact: May cause eye irritation.

Skin contact: May cause skin irritation.

#### 12. Ecological information

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##### 12.1 Toxicity

No aquatic toxicity data available for the substances.

##### 12.2 Persistence and degradability

Low persistence level and readily biodegradable.

##### 12.3 Bioaccumulation potential

None established.

##### 12.4 Ground mobility

Not applicable

##### 12.5 Results of PBT and vPvB assessment

Not applicable

##### 12.6 Other adverse effects

Not available data about negative influence on the environment.

#### 13. Disposal considerations

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##### 13.1 Waste treatment methods

Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC.

Waste: Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging: Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

#### 14. Transport information

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Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2011)

##### 14.1 UN number

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ADR: Not applicable  
IMDG: Not applicable  
IATA: Not applicable

#### 14.2 UN shipping name

ADR: Not applicable  
IMDG: Not applicable  
IATA: Not applicable

#### 14.3 Class of danger for transport

ADR: Not applicable  
IMDG: Not applicable  
IATA: Not applicable

#### 14.4 Packing group

ADR: Not applicable  
IMDG: Not applicable  
IATA: Not applicable

#### 14.5 Environmental hazards

Not applicable

#### 14.6 Special precautions for users

Not applicable

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

### 15. Regulatory information

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#### 15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

Not applicable.

#### 15.2 Chemical safety assessment.

Not applicable.

### 16. Additional information

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#### 16.1 Abbreviations:

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regula-tion (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergen-cy Schedule; ENCS - Existing and New Chemical Substances

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(Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### COMPLIANCE OF REGULATION (EC) NO 2023/1545

We certify that this product is in compliance with the Regulation 1223/2009 of the European parliament and of the council of 30.11.2009 on cosmetics products, amended with Regulation 2023/1545 of 26.07.2023 as regards labelling of fragrance allergens in cosmetic products.

Organic Lavender water does not contain substances of Annex II – List of substances prohibited in cosmetics products.

Organic Lavender water contains substances of Annex III –Allergens must be declared on the label when it is present in a concentration that exceeds:

0,001% in leave-on products

0,01% in rinse-off products

No	Chemical name	Cas No	% content by GC-MS analysis	Reference number of Annex III
1	Linalool	78-70-6	0.029	84
2	Limonene	138-86-3	0.001	88



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3	Camphor	76-22-2	< 0.001	331
4	Beta- Caryophyllene	87-44-5	0.003	332
5	Linalyl Acetate	115-95-7	0.031	337
6	Alpha Terpineol	8000-41-7	0.001	343
7	Alpha pinene Beta pinene	7785-70-8 127-91-3	<0.001 <0.001	371
8	Terpinolene	586-62-9	< 0.001	133
9	Carvone	99-49-0	< 0.001	333
10	Alpha terpinene	99-86-5	Not found	131
11	Gama terpinene	99-85-4	< 0.001	132
12	Benzyl alcohol	100-51-6	Not found	45
13	Neral	106-26-3	Not found	70
14	Geranial	141-27-5	Not found	70
15	Geranyl Acetate	105-87-3	Not found	369
16	Citronellol	106-22-9	Not found	86
17	Geraniol	106-24-1	Not found	78
18	Eugenol	97-53-0	Not found	71
19	Farnesol	4602-84-0	Not found	82
20	Benzyl benzoate	120-51-4	Not found	85
21	Amyl cinnamal	122-40-7	Not found	67
22	Cinnamyl alcohol	104-54-1	Not found	69
23	Citral	5392-40-5	Not found	70
24	Hydroxycitronellal	107-75-5	Not found	72
25	Isoeugenol	97-54-1	Not found	73
26	Amylcinnamyl alcohol	101-85-9	Not found	74
27	Benzyl salicylate	118-58-1	Not found	75
28	Cinnamal	104-55-2	Not found	76
29	Coumarin	91-64-5	Not found	77
30	Anise alcohol	105-13-5	Not found	80
31	Benzyl cinnamate	103-41-3	Not found	81
32	Hexyl cinnamal	101-86-0	Not found	87
33	alpha- Isomethyl ionone	127-51-5	Not found	90

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34	cis-Rose ketone 1 trans-Rose ketone 1 cis-Rose ketone 2 rans-Rose ketone 2 Rose ketone 3 rans-Rose ketone 3 Rose ketone 4	43052-87-5 24720-09-0 23726-92-3 23726-91-2 57378-68-4 71048-82-3 23696-85-7	Not found	157
35	3-Propylidenephthalide	17369-59-4	Not found	175
36	Acetyl Cedrene	32388-55-9	Not found	327
37	Amyl Salicylate	2050-08-0	Not found	328
38	Anethole	104-46-1/ 4180-23-8	Not found	329
39	Benzaldehyde	100-52-7	Not found	330
40	Dimethyl Phenethyl Acetate	151-05-3	Not found	334
41	Hexadecanolactone	109-29-5	Not found	335
42	Hexamethylindanopyran	1222-05-5	Not found	336
43	Menthol	89-778-1	Not found	338
44	Trimethylcyclopentenyl Methylisopentenol	67801-20-1	Not found	339
45	Salicylaldehyde	90-02-8	Not found	340
46	Santalol	11031-45-1/ 115-71-9/	Not found	341
47	Sclareol	515-03-7	Not found	342
48	Tetramethyl acetyloctahydronaphthalenes	54464-57-2/ 54464-59-4/ 68155-66-8/ 68155-67-9/	Not found	344
49	Trimethylbenzenepropanol	103694-68-4	Not found	345
50	Vanillin	121-33-5	Not found	346
51	Eugenyl Acetate	93-28-7	Not found	368
52	Isoeugenyl Acetate	93-29-8	Not found	370
53	Pinus mugo	90082-73-8	Not found	109
54	Pinus pumila	97676-05-6	Not found	114
55	Cedrus Atlantica Oil/ Extract	92201-55-3;8023-85-6	Not found	122
56	Turpentine	8006-64-2;9005-90-7; 8052-14-0	Not found	124
57	Myroxylon Pereirae Oil/ Extract	8007-00-9	Not found	154
58	Lippia Citriodora Absolute	85116-63-8;8024-12-2	Not found	196

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59	Methyl Salicylate	119-36-8	Not found	324
60	Amyl Salicylate	2050-08-0	Not found	328
61	Cananga Odorata Oil/Extract	83863-30-3;93686-30-7; 8006-81-3;68606-83-7	Not found	347
62	Cinnamomum Cassia Leaf Oil	84961-46-6; 8007-80-5	Not found	348
63	Cinnamomum Zeylanicum Bark Oil	84649-98-9; 8015-91-6	Not found	349
64	Citrus Aurantium Flower Oil	72968-50-4;8028-48-6 8016-38-4	Not found	350
65	Citrus Aurantium Peel Oil	68916-04-1; 72968-50-4 97766-30-8; 8028-48-6; 8008-57-9	Not found	351
66	Citrus Aurantium Bergamia Peel Oil	8007-75-8; 89957-91-5 68648-33-9; 8007-75-8; 85049-52-1	Not found	352
67	Citrus Limon Peel Oil	84929-31-7; 8008-56-8	Not found	353
68	Lemongrass Oil	89998-16-3;8007-02-1; 91844-92-7	Not found	354
69	Eucalyptus Globulus Oil	97926-40-4; 8000-48-4	Not found	355
70	Eugenia Caryophyllus Oil	8000-34-8; 8015-97-2 84961-50-2	Not found	356
71	Jasmine Oil/Extract	84776-64-7;90045-94-6; 8022-96-6; 8024-43-9 90045-94-6	Not found	357
72	Juniperus Virginiana Oil	85085-41-2;8000-27-9	Not found	358
73	Laurus Nobilis Leaf Oil	84603-73-6;8002-41-3; 8007-48-5	Not found	359
74	Lavandula Oil/ Extract	91722-69-9; 8022-15-9 93455-96-0; 93455-97-1 92623-76-2; 84776-65-8; 8000-28-0; 90063-37-9	0.097	360
75	Mentha Piperita Oil	84082-70-2;8006-90-4	Not found	361
76	Mentha Viridis Leaf Oil	84696-51-5;8008-79-5	Not found	362
77	Narcissus Extract	90064-26-9; 68917-12-4 90064-27-0 90064-25-8	Not found	363
78	Pelargonium Graveolens Flower Oil	90082-51-2;8000-46-2	Not found	364
79	Pogostemon Cablin Oil	84238-39-1 ;8014-09-3	Not found	365
80	Rose Flower Oil/Extract	8007-01-0; 93334-48-6;	Not found	366

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		84696-47-9; 84604-12-6; 90106-38-0; 84604-13-7; 92347-25-6		
81	Santalum Album Oil	84787-70-2;8006-87-9	Not found	367
82	Evernia Furfuracea Extract	90028-67-4	Not found	92
83	Evernia Prunastri Extract	90028-68-5	Not found	91

Organic Lavender water contains substances of Annex III - List of substances which cosmetic products must not contain except subject to the restrictions laid down as follows:

1	Methyl eugenol	93-15-2	Not found	102
2	trans-Rose ketone-5	39872-57-6	Not found	159
3	Rose ketone-5	33673-71-1	Not found	164
4	trans-2- hexenal	6728-26-3	Not found	166
5	Perillaldehyde	2111-75-3	Not found	169
6	Isobergamate	68683-20-5	Not found	170
7	Scentenal	86803-90-9	Not found	171
8	3-Methylnon- 2-enenitrile	53153-66-5	Not found	172
9	Methyl octine carbonate	111-80-8	Not found	173
10	Amylvinylcarbiny acetate	2442-10-6	0.001	174
11	Isocyclogeraniol	68527-77-5	Not found	176
12	2-Hexylidene cyclopentanone	17373-89-6	Not found	177
13	Methyl heptadienone	1604-28-0	Not found	178
14	p-methylhydrocinnamic aldehyde	5406-12-2	Not found	179

#### Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.