

## Material safety data sheet

According to EU Regulation 1907/2006 in the current version

### GERANIUM WATER ORGANIC

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

Trade name: Organic Geranium Water  
Natural product, obtained by steam distillation using spring water.  
I.N.C.I. Pelargonium Graveolens Flower/Leaf/Stem Water  
CAS No.: 90082-51-2  
REACH pre-registration No.: /  
Utilization: Raw material, cosmetic ingredient, personal care  
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania  
Tel/Fax: +40259-436.755, 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

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

This product is not classified as dangerous and does not contain any hazardous ingredients Dangerous reactions: none known.

This product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC Classification (EC 1272/2008).

##### 2.2 Label elements

None

##### 2.3 Other hazards

No specific information is available in our database regarding the acute toxic effects of this material for humans.

#### 3. Declaration of ingredients

The product contains the following ingredients:

Substance	C.A.S.	Hazard symbols	Percent
Pelargonium Graveolens Flower/Leaf/Stem Water	90082-51-2	-	100 %

#### 4. First aid measures

##### 4.1 Description of first aid measures

In case of contact with skin: No known effect on skin contact, rinse with water for a few minutes.

In case of contact with eyes: No known effect on eye contact. Rinse with water for a few minutes. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained.

In case of inhalation: No effects. Allow the victim to rest in a well ventilated area. Seek immediate medical attention if needed.

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

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In case of contact with skin, may cause irritation. May cause illness in case of inhalation.

4.3 Indication to consult a physician immediately or any special treatments

In case of illness contact your physician immediately.

#### 5. Fire fighting measures

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##### 5.1 Means of extinction

Do not use water to extinguish fire. Use foam fire extinguishers, with carbon dioxide or powder.

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

None identified.

##### 5.3 Recommendations for fire-fighters

Determine the need to evacuate or isolate the area according to your local emergency plan.

Suitable protective equipment: Not necessary.

#### 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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##### 7.1 Precautions for safe handling

Use in well-ventilated places. Do not eat, drink or smoke during use product handling. Always wash your hands before and after use. Use protective clothing.

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

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Store in well-filled, tightly closed containers, away from direct sunlight and a temperature between 5 – 20° C.

#### 7.3 Specific end uses

None other than stated in section 1.

#### 8. Exposure controls / personal protection

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##### 8.1 Control parameters

There are no specific control parameters.

##### 8.2 Exposure controls

General recommended measures

Hand protection: Protect hands with category I work gloves (ref. Directive 89/686 / EEC and standard EN 374) such as latex, PVC or equivalent.

Skin protection: Wear work clothes with long sleeves and safety footwear for professional use of category I (ref. Directive 89/686 / EEC and standard EN 344). Wash with soap and water after removing protective clothing.

Respiratory protection: Use protective masks. The use of respiratory protection is necessary in the absence of technical measures to limit worker exposure.

Eye protection: it is recommended to wear airtight protective goggles (ref. Standard EN 166).

#### 9. Physical and chemical properties

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##### 9.1 Information on physical and chemical properties

Appearance: clear liquid

Color: colourless to light yellow

Odor: typical of the plant

Relative density (d 20 / 20): 0.995-1.005

Refractive index at 20°C: NA

Flash point: Not applicable

Odor threshold: NA

pH: 4.5 – 7.0

Melting point / freezing point: NA

Initial boiling point and boiling range: NA

Evaporation rate: NA

Flammability (solid, gas): not flammable

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: not relevant

Decomposition temperature: NA

Viscosity: NA

Explosive properties: not explosive

Oxidizing properties: not oxidising

##### 9.2 Other information

None

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#### 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

- 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

#### 12. Ecological information

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##### 12.1 Toxicity

No aquatic toxicity data available

##### 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

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**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**

Disposal of product and packaging must be made in compliance with national and local legislation.

**14. Transport information**

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**14.1 UN number**

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.

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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 (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-boratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional 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 popula-tion; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - Interna-tional 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) Ef-fect 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 sub-stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quanti-tative) 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 Re-striction 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; TECI - 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.

This product does not contain substances of Annex II – List of substances prohibited in cosmetics products.

This product does contain substances of Annex III –Allergens that 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

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No	Chemical name	Cas No	% content by GC-MS analysis	Reference number of Annex III
1	Alpha pinene	7785-70-8	Not found	371
	Beta pinene	127-91-3		
2	Alpha terpinene	99-86-5	Not found	131
3	Limonene	138-86-3	Not found	88
4	Terpinolene	586-62-9	Not found	133
5	Linalool	78-70-6	<0,01	84
6	Beta- Caryophyllene	87-44-5	Not found	332
7	Neral	106-26-3	Not found	70
8	Geranial	141-27-5	Not found	70
9	Alpha Terpineol	8000-41-7	<0,01	343
10	Geranyl Acetate	105-87-3	Not found	369
11	Citronellol	106-22-9	<0,03	86
12	Geraniol	106-24-1	<0,02	78
13	Benzyl alcohol	100-51-6	Not found	45
14	Eugenol	97-53-0	Not found	71
15	Farnesol	4602-84-0	Not found	82
16	Benzyl benzoate	120-51-4	Not found	85
17	Amyl cinnamal	122-40-7	Not found	67
18	Cinnamyl alcohol	104-54-1	Not found	69
19	Citral	5392-40-5	<0,01	70
20	Hydroxycitronellal	107-75-5	Not found	72
21	Isoeugenol	97-54-1	Not found	73
22	Amylcinnamyl alcohol	101-85-9	Not found	74
23	Benzyl salicylate	118-58-1	Not found	75
24	Cinnamal	104-55-2	Not found	76
25	Coumarin	91-64-5	Not found	77
26	Anise alcohol	105-13-5	Not found	80
27	Benzyl cinnamate	103-41-3	Not found	81
28	Hexyl cinnamal	101-86-0	Not found	87
29	alpha- Isomethyl ionone	127-51-5	Not found	90

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30	Gama terpinene	99-85-4	Not found	132
31	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
32	3-Propylidenephthalide	17369-59-4	Not found	175
33	Acetyl Cedrene	32388-55-9	Not found	327
34	Amyl Salicylate	2050-08-0	Not found	328
35	Anethole	104-46-1/ 4180-23-8	Not found	329
36	Benzaldehyde	100-52-7	Not found	330
37	Camphor	76-22-2	Not found	331
38	Carvone	99-49-0	Not found	333
39	Dimethyl Phenethyl Acetate	151-05-3	Not found	334
40	Hexadecanolactone	109-29-5	Not found	335
41	Hexamethylindanopyran	1222-05-5	Not found	336
42	Linalyl Acetate	115-95-7	Not found	337
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;	Not found	124



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		8052-14-0		
57	Myroxylon Pereirae Oil/ Extract	8007-00-9	Not found	154
58	Lippia Citriodora Absolute	85116-63-8;8024-12-2	Not found	196
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	Not found	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

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80	Rose Flower Oil/Extract	8007-01-0; 93334-48-6; 84696-47-9; 84604-12-6; 90106-38-0; 84604-13-7; 92347-25-6	Not found	366
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

This product does not contain 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	Not found	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.