

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Organic Helichrysum Water

1. Identification of the substance/mixture and company

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

INCI Helichrysum italicum flower water

CAS No. : 90045-56-0

EINECS No. : 289-918-2

REACH pre-registration No. : -

Utilization: Raw material for cosmetic or professional use

Supplier company identification: **Elemental SRL**, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.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

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

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3. Declaration of ingredients

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 (CO₂)

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

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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 (CO₂)

5.3 Recommendations for fire-fighters

No data available.

6. Accidental release measures

6.1 Personal precautions, protective devices and emergency procedures

Consult the safety measures listed under headings 7 and 8.

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2 Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways

6.3 Methods and materials for containment and remediation

Clean preferably with a detergent, do not use solvents.

6.4 Reference to other sections

No data available.

7. Handling and storage

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

Never bring water into contact with this substance.

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

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7.2 Conditions for safe storage, including any incompatibilities

Storage

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging

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

7.3 Specific end uses

None.

8. Exposure controls / personal protection

8.1 Control parameters

There are no specific control parameters.

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))

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- 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: liquid

Color: colorless

Odor: characteristic

Relative density (d 20 / 20): NA

Refractive index at 20°C: NA

Optical rotation (°): NA

Flash point: NA

Odor threshold: NA

pH: NA

Melting point / freezing point: NA

Initial boiling point and boiling range: NA

Evaporation rate: NA

Flammability (solid, gas): NA

Upper / lower flammability or explosive limits: NA

Vapor tension: Between 175 kPa and 300 kPa inclusive.

Vapor density: NA

Solubility in water: NA

Partition coefficient: n-octanol / water NA

Auto-ignition temperature: NA

Decomposition temperature: NA

Viscosity: < 7 mm²/s (40°C)

Explosive properties: NA

Oxidizing properties: NA

9.2 Other information

None

10. Stability and reactivity

10.1 Responsiveness

Not applicable

10.2 Chemical stability

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Stable under normal conditions of use.

10.3 Possibility of dangerous reactions

When exposed to high temperatures, the substance can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4 Conditions to avoid

Avoid humidity, protect from moisture.

10.5 Incompatible materials

Not applicable

10.6 Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

11. Toxicological information

11.1 Information on toxicological effects

Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Repeated or prolonged contact with the substance may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage.

12. Ecological information

12.1 Toxicity

No aquatic toxicity data available for the substances.

12.2 Persistence and degradability

Not applicable

12.3 Bioaccumulation potential

Not applicable

12.4 Ground mobility

Not applicable

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

Not applicable

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13. Disposal considerations

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.

Do not pour into drains or waterways.

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

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)

14.5 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

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

No data available

15.2 Chemical safety assessment.

No data available

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16. Additional information

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 Beta pinene	7785-70-8 127-91-3	Not found	371
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	Not found	343
10	Geranyl Acetate	105-87-3	Not found	369
11	Citronellol	106-22-9	Not found	86
12	Geraniol	106-24-1	Not found	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	Not found	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

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28	Hexyl cinnamal	101-86-0	Not found	87
29	alpha- Isomethyl ionone	127-51-5	Not found	90
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

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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
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

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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; 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	Amylvinylcarbinyl 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

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handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.

ELEMENTAL