

Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Organic Cornflower Water

1. Identification of the substance/mixture and company

Trade name:	Organic Cornflower Water
INCI	Obtained by steam distillation using spring water, 100 % pure and natural Centaurea cyanus flower water
CAS No. :	84012-18-0
EINECS No. :	281-664-0
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.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

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

This substance does not present a physical hazard.

This substance does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

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.

No labeling requirements for this substance.

2.3. Other hazards

The substance does not satisfy the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006.

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.

4. First aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

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4.1. Description of first aid measures

In the event of splashes or contact with eyes: Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

In the event of swallowing: In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

5. Fire fighting measures

Non-flammable.

5.1. Extinguishing media

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 jet
- water

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. Advice for firefighters

No data available.

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For first aid worker: First aid workers 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 material for containment and cleaning up

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.

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.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the substance is used.

7.2. Conditions for safe storage, including any incompatibilities

Storage: Keep the container tightly closed in a dry, well-ventilated place. 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 use(s)

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No data available.

8. Exposure controls / personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls

Personal protection measures, such as personal protective equipment:

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE)

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.

- 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.

- Hand protection: Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended:

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

- PVA (Polyvinyl alcohol)

Recommended properties:

- Impervious gloves in accordance with standard EN374

- 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 basic physical and chemical properties

Physical state: Fluid liquid.

pH: Not specified.

Boiling point/boiling range: Not specified.

Flash point interval: Not relevant.

Vapor pressure (50°C): Between 175 kPa and 300 kPa inclusive.

Density: approx. 1.000

Water solubility: soluble.

Viscosity: $\nu < 7 \text{ mm}^2/\text{s}$ (40°C)

Melting point/melting range : Not specified.

Self-ignition temperature: Not specified.

Decomposition point/decomposition range: Not specified.

9.2. Other information

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No data available.

10. Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

This substance is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous 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.

10.5. Incompatible materials

Keep away from water.

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

Splashes in the eyes may cause irritation and reversible damage.

11.2. Substances

No toxicological data available for the substances.

12. Ecological information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

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No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK): WGK 2 (VwVwS vom 27/07/2005, KBws): Hazardous for water.

13. Disposal considerations

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

13.1. Waste treatment methods

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 labeling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Classification and labeling information included in section 2:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

Container information:

No data available.

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Particular provisions:

No data available.

German regulations concerning the classification of hazards for water (WGK): WGK 2 (VwVwS vom 27/07/2005, KBws): Hazardous for water.

15.2. Chemical safety assessment

No data available.

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

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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 not 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

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 expected	371
2	Alpha terpinene	99-86-5	Not expected	131
3	Limonene	138-86-3	Not expected	88
4	Terpinolene	586-62-9	Not expected	133
5	Linalool	78-70-6	Not expected	84
6	Beta- Caryophyllene	87-44-5	Not expected	332
7	Neral	106-26-3	Not expected	70
8	Geranial	141-27-5	Not expected	70
9	Alpha Terpineol	8000-41-7	Not expected	343
10	Geranyl Acetate	105-87-3	Not expected	369
11	Citronellol	106-22-9	Not expected	86
12	Geraniol	106-24-1	Not expected	78
13	Benzyl alcohol	100-51-6	Not expected	45
14	Eugenol	97-53-0	Not expected	71
15	Farnesol	4602-84-0	Not expected	82
16	Benzyl benzoate	120-51-4	Not expected	85
17	Amyl cinnamal	122-40-7	Not expected	67
18	Cinnamyl alcohol	104-54-1	Not expected	69

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19	Citral	5392-40-5	Not expected	70
20	Hydroxycitronellal	107-75-5	Not expected	72
21	Isoeugenol	97-54-1	Not expected	73
22	Amylcinnamyl alcohol	101-85-9	Not expected	74
23	Benzyl salicylate	118-58-1	Not expected	75
24	Cinnamal	104-55-2	Not expected	76
25	Coumarin	91-64-5	Not expected	77
26	Anise alcohol	105-13-5	Not expected	80
27	Benzyl cinnamate	103-41-3	Not expected	81
28	Hexyl cinnamal	101-86-0	Not expected	87
29	alpha- Isomethyl ionone	127-51-5	Not expected	90
30	Gama terpinene	99-85-4	Not expected	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 expected	157
32	3-Propylidenephthalide	17369-59-4	Not expected	175
33	Acetyl Cedrene	32388-55-9	Not expected	327
34	Amyl Salicylate	2050-08-0	Not expected	328
35	Anethole	104-46-1/ 4180-23-8	Not expected	329
36	Benzaldehyde	100-52-7	Not expected	330
37	Camphor	76-22-2	Not expected	331
38	Carvone	99-49-0	Not expected	333
39	Dimethyl Phenethyl Acetate	151-05-3	Not expected	334
40	Hexadecanolactone	109-29-5	Not expected	335
41	Hexamethylindanopyran	1222-05-5	Not expected	336
42	Linalyl Acetate	115-95-7	Not expected	337
43	Menthol	89-778-1	Not expected	338

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44	Trimethylcyclopentenyl Methylisopentenol	67801-20-1	Not expected	339
45	Salicylaldehyde	90-02-8	Not expected	340
46	Santalol	11031-45-1/ 115-71-9/	Not expected	341
47	Sclareol	515-03-7	Not expected	342
48	Tetramethyl acetyloctahydronaphthalenes	54464-57-2/ 54464-59-4/ 68155-66-8/ 68155-67-9/	Not expected	344
49	Trimethylbenzenepropanol	103694-68-4	Not expected	345
50	Vanillin	121-33-5	Not expected	346
51	Eugenyl Acetate	93-28-7	Not expected	368
52	Isoeugenyl Acetate	93-29-8	Not expected	370
53	Pinus mugo	90082-73-8	Not expected	109
54	Pinus pumila	97676-05-6	Not expected	114
55	Cedrus Atlantica Oil/ Extract	92201-55-3;8023-85-6	Not expected	122
56	Turpentine	8006-64-2;9005-90-7; 8052-14-0	Not expected	124
57	Myroxylon Pereirae Oil/ Extract	8007-00-9	Not expected	154
58	Lippia Citriodora Absolute	85116-63-8;8024-12-2	Not expected	196
59	Methyl Salicylate	119-36-8	Not expected	324
60	Amyl Salicylate	2050-08-0	Not expected	328
61	Cananga Odorata Oil/Extract	83863-30-3;93686-30-7; 8006-81-3;68606-83-7	Not expected	347
62	Cinnamomum Cassia Leaf Oil	84961-46-6; 8007-80-5	Not expected	348
63	Cinnamomum Zeylanicum Bark Oil	84649-98-9; 8015-91-6	Not expected	349
64	Citrus Aurantium Flower Oil	72968-50-4;8028-48-6 8016-38-4	Not expected	350
65	Citrus Aurantium Peel Oil	68916-04-1; 72968-50-4 97766-30-8; 8028-48-6; 8008-57-9	Not expected	351
66	Citrus Aurantium Bergamia Peel Oil	8007-75-8; 89957-91-5 68648-33-9; 8007-75-8; 85049-52-1	Not expected	352
67	Citrus Limon Peel Oil	84929-31-7; 8008-56-8	Not expected	353

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68	Lemongrass Oil	89998-16-3;8007-02-1; 91844-92-7	Not expected	354
69	Eucalyptus Globulus Oil	97926-40-4; 8000-48-4	Not expected	355
70	Eugenia Caryophyllus Oil	8000-34-8; 8015-97-2 84961-50-2	Not expected	356
71	Jasmine Oil/Extract	84776-64-7;90045-94-6; 8022-96-6; 8024-43-9 90045-94-6	Not expected	357
72	Juniperus Virginiana Oil	85085-41-2;8000-27-9	Not expected	358
73	Laurus Nobilis Leaf Oil	84603-73-6;8002-41-3; 8007-48-5	Not expected	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 expected	360
75	Mentha Piperita Oil	84082-70-2;8006-90-4	Not expected	361
76	Mentha Viridis Leaf Oil	84696-51-5;8008-79-5	Not expected	362
77	Narcissus Extract	90064-26-9; 68917-12-4 90064-27-0 90064-25-8	Not expected	363
78	Pelargonium Graveolens Flower Oil	90082-51-2;8000-46-2	Not expected	364
79	Pogostemon Cablin Oil	84238-39-1 ;8014-09-3	Not expected	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 expected	366
81	Santalum Album Oil	84787-70-2;8006-87-9	Not expected	367
82	Evernia Furfuracea Extract	90028-67-4	Not expected	92
83	Evernia Prunastri Extract	90028-68-5	Not expected	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 expected	102
2	trans-Rose ketone-5	39872-57-6	Not expected	159
3	Rose ketone-5	33673-71-1	Not expected	164

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4	trans-2- hexenal	6728-26-3	Not expected	166
5	Perillaldehyde	2111-75-3	Not expected	169
6	Isobergamate	68683-20-5	Not expected	170
7	Scentenal	86803-90-9	Not expected	171
8	3-Methylnon- 2-enenitrile	53153-66-5	Not expected	172
9	Methyl octine carbonate	111-80-8	Not expected	173
10	Amylvinylcarbinyl acetate	2442-10-6	Not expected	174
11	Isocyclogeraniol	68527-77-5	Not expected	176
12	2-Hexylidene cyclopentanone	17373-89-6	Not expected	177
13	Methyl heptadienone	1604-28-0	Not expected	178
14	p-methylhydrocinnamic aldehyde	5406-12-2	Not expected	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.