

SAFETY DATA SHEET
(1% SODIUM HYALURONATE)

Prepared in the format of Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878, and Regulation (EC) No 1272/2008 (CLP).

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name	Sodium Hyaluronate 1%
Synonyms / trade name	Ecoflores Clear HA-100
CAS numbers	9067-32-7; 122-99-6; 70445-33-9; 7732-18-5
Additional identification	Nanoform is NOT covered by this Safety Data Sheet.
UFI	Not applicable

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

Identified use: Humectant.

1.3 Details of the supplier of the Safety Data Sheet

Supplier / Distributor	Ecoflores Krzysztof Magdij ul. Waksmundzka 34, 34-400 Nowy Targ, Poland kontakt@ecoflores.eu +48 604 508 226 www.ecoflores.eu
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1.4 Emergency telephone number

Emergency number: 112 (European emergency number).

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

No hazard labelling is required under Regulation (EC) No 1272/2008 (CLP).

2.3 Other hazards

The substance/mixture does not contain PBT or vPvB substances at levels requiring classification. The substance/mixture does not contain endocrine disruptors.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances / mixture components

Component	Content	CLP classification of component	Specific concentration limits / ATE
Sodium Hyaluronate CAS 9067-32-7	1%	Not classified	Not applicable
Phenoxyethanol CAS 122-99-6	0.7%	H302 Acute Tox. 4 H335 STOT SE 3 H318 Eye Dam. 1	H302: >= 1% H335: >= 20% H318: >= 1% M-factor: none Oral ATE: 1,394 mg/kg bw
Ethylhexylglycerin CAS 70445-33-9	0.05%	H318 Eye Dam. 1 H412 Aquatic Chronic 3	H318: >= 1% H412: >= 1% M-factor: none
Water CAS 7732-18-5	To 100%	Not classified	Not applicable

3.2 Mixtures

See the information on ingredients in subsection 3.1. The final mixture is not classified as hazardous.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information	Consult a physician. Show this Safety Data Sheet to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin contact	Wash off with soap and plenty of water. Consult a physician.
Inhalation	Move the person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
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4.2 Most important symptoms and effects, both acute and delayed

No particular precautions.

4.3 Indication of any immediate medical attention and special treatment needed

No particular precautions.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water, foam and carbon dioxide (CO₂).

Unsuitable extinguishing media: No data available.

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition. Delineate a safe zone. Cut off the source of leakage as much as possible. For personal protection, see Section 8.

6.2 Environmental precautions

Do not let the product enter drains.

6.3 Methods and material for containment and cleaning up

Sweep or vacuum. Note that an extreme slip hazard can develop if material spilled on the floor becomes wet.

6.4 Reference to other sections

For emergency contact information, see Section 1. For exposure controls and personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

No particular precautions are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Keep airtight at room temperature.

7.3 Specific end use(s)

The identified use is given in subsection 1.2. No additional specific end use is identified.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No data available.

8.2 Exposure controls

No data available.

8.2.1 Appropriate engineering controls

No data available.

8.2.2 Personal protection

Respiratory protection	No particular precautions are necessary.
Skin / hand protection	Oil-resistant rubber gloves.
Eye protection	Safety glasses with side shields conforming to EN 166.
Thermal hazards	None.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Transparent solution
Colour	Colourless
Odour	No characteristic odour
Odour threshold	No data available
Solubility	Soluble in water, forming a viscous solution
Boiling point or initial boiling point and boiling range	No data available
Flash point	> 70 degrees C
Melting point	No data available
Flammability	No data available
Explosive characteristics	No data available

Lower and upper explosion limits	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Density and/or relative density	No data available
Relative vapour density	No data available
Kinematic viscosity	No data available
Particle characteristics	No data available
Additional information	No data available

9.2 Other information

Additional information: Not available.

Other safety characteristics: Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No specific information is available.

10.2 Chemical stability

The substance or mixture is stable under normal ambient conditions and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

Hazardous reactions are not expected to occur.

10.4 Conditions to avoid

High temperature, strong light and a high level of humidity.

10.5 Incompatible materials

Strong oxidising agents, strong acids and strong bases.

10.6 Hazardous decomposition products

No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity: No data available.

11.2 Information on other hazards

11.2.1 Endocrine-disrupting properties

The substance or mixture does not contain endocrine disruptors.

11.2.2 Other information

Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No data available.
12.2 Persistence and degradability	The product is biodegradable.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and vPvB assessment	The substance/mixture does not contain any component considered persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB), at levels of 0.1% or higher.
12.6 Endocrine-disrupting properties	The substance or mixture does not contain endocrine disruptors.
12.7 Other adverse effects	No data available.
12.8 Other information	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of waste material in accordance with applicable national and regional legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number	None.
14.2 UN proper shipping name	Not regulated.
14.3 Transport hazard class(es)	The product is not classified as dangerous goods. No special measures are required for transport.
14.4 Packing group	Not applicable.

14.5 Environmental hazards	None.
14.6 Special precautions for user	None.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.

SECTION 15: REGULATORY INFORMATION

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

The product is not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP). The regulatory information provided in this document identifies legislation applicable to the product described in this Safety Data Sheet.

15.2 Chemical safety assessment

No chemical safety assessment information is available.

SECTION 16: OTHER INFORMATION

The information in this Safety Data Sheet is based on the state of knowledge stated in the source document and is intended to describe the product for health, safety and environmental purposes. It does not constitute a guarantee of any specific product property. Users are responsible for observing applicable laws and regulations.

Ecoflores document changes: Ecoflores visual format and supplier/distributor details were introduced. Product composition, technical data, classification and safety information were retained from the source manufacturer documentation, with minor editorial corrections for clarity.

Hazard statement meanings for components:

H302 - Harmful if swallowed.

H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

H412 - Harmful to aquatic life with long lasting effects.

Important: The final mixture is not classified as hazardous under Regulation (EC) No 1272/2008 (CLP), although individual preservatives have hazard classifications at higher concentrations.