

# Hyaluronic Acid 1%

Version: II

Date of compilation: 26.08.2022

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## Safety Data Sheet

legal basis:

Commission regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name: Hyaluronic Acid 1%

Composition for label/Other name(s) Sodium hyaluronate., Aqueous solution. - 1 %,

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

##### Identified uses

##### Professional uses:

Formulation of mixtures.

##### Uses:

Cosmetic additive. Humectant.

##### Uses advised against:

other than named above

#### 1.3. Details of the supplier of the safety data sheet

Name and address: Ecoflores  
ul. Waksmundzka 34, 34-400 Nowy  
Targ, Poland

Phone number: tel. +48-604508229

Fax number: kontakt@ecoflores.eu

e-mail address for a competent person responsible for the safety data sheet: www.ecoflores.eu

#### 1.4. Emergency telephone number

998 or 112, or contact with the nearest local Fire Department

### SECTION 2: Hazards identification

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

##### General hazards

This product is not classified as hazardous according to current regulations

##### Health hazards

not applicable

##### Physical hazards

not applicable

##### Environmental hazards

not applicable

#### 2.2. Label elements

##### Hazard pictograms:

##### Signal Word:

Signal word is not required

##### Hazard statements:

Produkt is not classified as hazardous according to obligatory regulation

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Concentration value	Substance	CAS	EC	Index number
1,0 %	Hyaluronic acid sodium salt	9067-32-7	polymer	not applicable
0,72 %	2-Phenoxyethanol	122-99-6	204-589-7	603-098-00-9
0,08 %	3-(2-ethylhexyloxy)propane-1,2-diol	70445-33-9	408-080-2	603-168-00-9

##### Remarks

The product does not contain any ingredients classified as hazardous in accordance with the current regulations.

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## SECTION 4:First aid measures

### 4.1. Description of first aid measures

#### Inhalation

No hazards which require special first aid measures.

#### Skin contact

Remove all contaminated clothing. Wash off with soap and plenty of water.

#### Eye contact

Wash off immediately with plenty of water.

#### Ingestion

Rinse mouth with water.

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

#### Symptoms and effects:

#### Symptoms and effects

no data available

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

no data available

## SECTION 5:Firefighting measures

### 5.1.Extinguishing media

#### Suitable extinguishing media

water, foam, dry powder, carbon dioxide (CO<sub>2</sub>)

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

No data available.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing.

## SECTION 6:Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

### 6.2. Environmental precautions

no data available

### 6.3. Methods and material for containment and cleaning up

Pick up and transfer to properly labelled containers. Flush with plenty of hot water.

### 6.4. Reference to other sections

More information about suitable personal protective equipment is given in section 8 .

Dispose of in accordance with the recommendations given in Section 13.

## SECTION 7:Handling and storage

### 7.1.Precautions for safe handling

Avoid eye contact. Smoking, eating and drinking should be prohibited in the application area. Wash hands before every break and after work.

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

Store in original packagings. Keep in tightly closed containers. Protect from moisture. Hygroscopic product. Store in a dark place. Keep in a dry, cool place.

Protect from light.

### 7.3. Specific end use(s)

See section 1.2.

## SECTION 8:Exposure controls/personal protection

### 8.1.Control parameters

#### DNEL value

#### Comments

For this product DNEL value has not been derived

#### PNEC value

#### Comments

For this product PNEC value has not been calculated

#### Occupational exposure limits

#### Comments

For this product OELs value has not been established.

Poland. OELs - Regulation of the Minister of Family, Labour and Social Policy, of 12 June 2018; Journal of Laws 2018, item 1286 as amended.

#### Biological limit values comments

not available

#### Recommended monitoring procedures

Regulation of the Minister of Health on tests and measurements applicable for hazardous substances and other adverse factors which are present in the workplace, of 2 February 2011 (Journal of Laws No33, item 166).

### 8.2.Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation.

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## Individual protection measures

### Respiratory protection

No special protective equipment required.

### Eye /face protection

Safety glasses with side-shields

### Skin and hand protection

No special protective equipment required.

### Other protection equipment

Protective clothing

### Reference to regulations

Individual protection measures should satisfy the requirements specified in the Regulation of the Minister of Economy on basic requirements for personal protection controls, of 21 December 2005 (Journal of Laws No 259, item 2173).

### General advice

Wash hands before breaks and at the end of workday. Do not eat, drink or smoke when using this product.

### Environ. exposure controls

not available

## SECTION 9:Physical and chemical properties

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

Physical state	liquid	
Appearance:	colorless	viscous possible slight opalescence
Odour threshold:		
Odour:	faint, characteristic	No data available.
Melting point/freezing point:	No data available.	
Boiling point or initial boiling point and boiling range:	No data available.	
Flammability:	Not applicable.	
Lower and upper explosion limit:	No data available.	
Flash point:	no data available	
Auto-ignition temperature:	No data available.	
Decomposition temperature:	No data available.	
pH:	No data available.	
Kinematic viscosity:	No data available.	
Solubility:	Water.	soluble
	Non-polar solvents.	Insoluble.
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.	
Particle characteristics:	no data available	

### 9.2. Other information

Information with regard to physical hazard classes:	no data available
Other safety characteristics:	no data available

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## SECTION 10:Stability and reactivity

### 10.1.Reactivity

No data available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reaction known, if the regulations/notes for storage and handling are considered.

### 10.4. Conditions to avoid

Moisture.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

No data available.

## SECTION 11:Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity

Product	LD50	> 5.000 mg/kg
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#### Acute dermal toxicity

No data available.

#### Acute inhalation toxicity

No data available.

#### Acute toxicity - other exposure routes

No data available.

#### Skin corrosion/irritation

No data available.

#### Serious eye damage/irritation

No data available.

#### Respiratory sensitisation

No data available.

#### Skin sensitisation

No data available.

#### Germ cell mutagenicity

#### Summary

No data available.

#### Carcinogenicity

#### Summary

No data available.

#### Reproductive toxicity

#### Summary

No data available.

#### STOT-single exposure

#### Summary

No data available.

#### STOT-repeated exposure

#### Summary

No data available.

#### Aspiration hazard

No data available.

#### Information on likely routes of exposure

No data available

#### Symptoms related to the physical, chemical and toxicological characteristics

no data available

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

no data available

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## 11.2. Information on other hazards

**Other information**  
no data available

## SECTION 12: Ecological information

### 12.1. Toxicity

**Summary**  
no data available

### 12.2. Persistence and degradability

**Summary**  
Readily biodegradable

### 12.3. Bioaccumulative potential

**Summary**  
no data available

### 12.4. Mobility in soil

**Summary**  
no data available

### 12.5. Results of PBT and vPvB assessment

This product does not fulfill the PBT or vPvB criteria according to Annex XIII to REACH Regulation (EC) 1907/2006

### 12.6. Endocrine disrupting properties

no data available

### 12.7. Other adverse effects

no data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Comply with below named regulations:  
Waste Disposal Law, of 14 December 2012 (Journal of Laws 2013, item 21), with further amendments.  
Law on packages and spent packages, of 13 June 2013 (Journal of Laws 2013, item 888).  
Dispose of in accordance with current legislation concerning Waste disposal.  
Waste packaging should be recycled.  
Packaging that can not be cleaned, should be disposed of like the product.  
Regulation of the Minister of Environment on Wastes catalogue, of 9 December 2014 (Journal of Laws 2014, item 1923).  
Suggested waste code:  
16 03 06 Organic wastes other than those mentioned in 16 03 05.

## SECTION 14: Transport information

### 14.1. UN number or ID number

Transport type	UN Number
ADR	N/A
RID	N/A
IMDG	N/A
ICAO	N/A
ADN	N/A

### 14.2. UN proper shipping name

Transport type	UN proper shipping name
ADR	not subject to transport regulations
RID	not subject to transport regulations
IMDG	not subject to transport regulations
ICAO	not subject to transport regulations
ADN	not subject to transport regulations

### 14.3. Transport hazard class(es)

Transport type	Transport hazard class:	Classification code:	Hazard identification number:	Tunnel restriction code:	Labels numbers:
ADR	not relevant	not relevant	not relevant	-	not relevant
RID	not relevant	not relevant	not relevant	-	not relevant
IMDG	not relevant				not relevant
ICAO	not relevant				not relevant
ADN	not relevant				not relevant

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## 14.4. Packing group

Transport type	Packing group:
ADR	not relevant
RID	not relevant
IMDG	not relevant
ICAO	not relevant
ADN	not relevant

## 14.5. Environmental hazards

The product does not pose a hazard to the environment in accordance with the criteria of the UN Model Regulations.

## 14.6. Special precautions for user

not available

## 14.7. Maritime transport in bulk according to IMO instruments

not available

## SECTION 15:Regulatory information

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

ACT of 25 February 2011 on the chemical substances and their mixtures (Journal of Laws No. 63, item 322), with further amendments.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ L 353, 31.12.2008, p. 1).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),

### 15.2. Chemical safety assessment

No data available

## SECTION 16:Other information

### Changes of previous version

General revision

### Key or legend to abbreviations and acronyms used in the safety data sheet

Expl. - Explosive

Flam. Gas - Flammable gas

Flam. Aerosol - Flammable aerosol

Ox. Gas - Oxidising gas

Press. Gas - Gases under pressure

Flam. Liq. - Flammable liquid

Flam. Sol. - Flammable solid

Self-react. - Self-reactive substance or mixture

Pyr. Liq. - Pyrophoric liquid

Pyr. Sol. - Pyrophoric solid

Self-heat. - Self-heating substance or mixture

Water-react. - Substance or mixture which in contact with water emits flammable gas

Ox. Liq. - Oxidising liquid

Ox. Sol. - Oxidising solid

Org. Perox. - Organic peroxide

Met. Corr. - Substance or mixture corrosive to metals

Acute Tox. - Acute toxicity

Skin Corr. - Skin corrosion

Skin Irrit. - Skin irritation

Resp. Sens. - Respiratory sensitization

Skin Sens. - Skin sensitization

Muta. - Germ cell mutagenicity

Carc. - Carcinogenicity

Repr. - Reproductive toxicity, Category 1A

STOT SE - Specific target organ toxicity — single exposure

STOT RE - Specific target organ toxicity — repeated exposure

Asp. Tox. - Aspiration hazard

Aquatic Acute - Hazardous to the aquatic environment - Acute

Aquatic Chronic - Hazardous to the aquatic environment - Chronic

Ozone - Hazardous for the ozone layer

Lact. - Effects on or via lactation

NDS - Maximum permissible exposure level/concentration

NDSCH - Maximum short-term exposure level/concentration

NDSP - Maximum permissible ceiling exposure level/concentration

vPvB (Substance) very persistent and very bioaccumulating

PBT (Substance) persistent, bioaccumulating and toxic

PNEC – Predicted No Effect Concentration

DNEL – Derived No Effect Level

LD50 - Lethal dose 50; dose/amount of a substance which kills 50 % of the test population

LC50 - Lethal concentration; concentration of a substance which kills 50 % of the test population

LOEC - Lowest Observed Effect Concentration

NOEL No Observed Effect Level

NOEC - No Observed Effect Concentration

ECX - Effective concentration; concentration of a substance which produces X % effect response

ADR – Agreement Concerning the International Carriage of Dangerous Goods by Road

ADN – Agreement Concerning the International Carriage of Dangerous Goods by Inland Waters

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RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail

IMDG – International Maritime Dangerous Goods Code

ICAO/IATA – International Civil Aviation Organization/International Air Transport Association

UVCB - Substances of Unknown or Variable composition, Complex reaction products or Biological materials

## Key literature references and sources for data

This safety data sheet has been prepared based on the MSDS provided by the manufacturer or / and internet databases and current regulations.

## Advice on any training appropriate for workers to ensure protection of human health and the environment

People involved in the handling of the product should be trained in the handling, safety and hygiene.

## List of relevant hazard statements and/or precautionary statements

not applicable

Produkt is not classified as hazardous according to obligatory regulation

## Other Information

Mixture. Producer/importer confirmed compliance of substance/substance in product with REACH (Regulation EC 1907/2006)

This product is not classified as hazardous . Exposure scenarios are not required.

The information contained in this safety data sheet refer to the product in the form in which it is delivered

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product in terms of safety requirements.

These data can not be considered in any case describe the product (as product specification).