



Hyaluronic Acid

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

1.1 Product Identifier

Product Name	Hyaluronic Acid, Sodium Salt
INCI	Hyaluronate Sodium
Synonyms & Trade Names	Hyalurone sodium, Healon; Sodium Hyaluronate. Sodium Hyaluronate is a natural glycoaminogican composed of a repetitive disaccharide
Chemical Formula	(C14-H20-N-O11.Na)n
Product Code	G2563
CAS No.	9067-32-7
EINECS No.	618-620-0

1.2 Details of the supplier of the safety data sheet

Supplier/Distributor	zielonyklub.pl
Company	Greenaction Sp. z o.o., ul. Śniadeckich 31, 25-366 Kielce, NIP: PL6571011247
Contact	tech@zielonyklub.pl

1.3 Details of the supplier of the safety data sheet

Emergency Contact	112 (emergency), 998 (fire), 999 (ambulance), 42 631 47 24 (toxicological information in Poland)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC)	This product is not dangerous according to REACH Regulation 1907/2006.
Classification (EU 1272/2008)	This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.

SECTION 3: Composition/information on ingredients

3.1 Substances

N/A

3.2 Mixtures

Name	CAS	%
Hyaluronic Acid, Sodium Salt	9067-32-7	100

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None

4.3 Indication of any immediate medical attention and special treatment needed

N/A



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SECTION 5: Fire fighting measures

5.1 Extinguishing Media

Extinguishing media: Foam, dry chemical powder, carbon dioxide.

Unsuitable extinguishing media: N/A

5.2 Special hazards arising from the substance or mixture.

May be combustible at high temperature. Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard.

5.3 Advice for fire-fighters

Standard. Wear self-contained breathing apparatus in confined spaces.

SECTION 6: Accidental release measures

6.1 Personal precautions

None Required.

6.2 Environmental precautions

None Required.

6.3 Methods and material for containment and cleaning up

Steps to be taken in case material is released or spilled. Sweep or vacuum. Note that an extreme slip hazard can develop if material spilled on the floor becomes wet.

6.4 References to other sections.

Section 8 - Exposure controls/personal protection for further information on personal precautions.

Section 13 - Disposal Considerations for further information on waste treatment.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep container in a cool, well-ventilated area. Store in cool (2-10°C), dry place protected from light.

7.3 Specific end use(s)

N/A

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

None

8.2 Exposure Controls

Eye protection	A non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.
Hand protection	Gloves.
Respiratory Equipment	None
Other Protection	None
Hygiene Measures	None
Environmental Exposure Controls	None



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Solid, powder.
Colour	White.
Odour	Odorless
Taste	Not Available
Molecular Weight	30 000 - 2 000 000 g/mol
pH (5% in water)	5.0 - 8.5
Density	30 - 200 kg/m ³
Solubility	Easily soluble in cold water. Insoluble in organic solvents.

9.2 Other information

N/A

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under the recommended handling and storage conditions.

10.2 Chemical stability

Stable under the recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

No

10.4 Conditions to avoid

High temperature and a high level of humidity.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke

SECTION 11: Toxicological information

11.1 Information on toxicological effects.

Acute toxicity:	Oral (LD50): >800 mg/kg, Rat
Skin contact	May cause irritation.
Eye contact	May cause irritation.
Ingestion	No data available
Inhalation	May cause irritation.
Delayed / immediate effects	No data available
Other information:	No data available

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

Expected to be biodegradable

12.3 Bioaccumulation potential

The product does not contain any substances expected to be bioaccumulating

12.4 Mobility in soil

Soluble in water

12.5 Results of PBT and VPVB assessment

This product is not identified as a PBT/vPvB substance

12.6 Other adverse effects

None



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SECTION 13: Disposal considerations

13.1 Waste Treatment Methods

Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.

SECTION 14: Transport information

Warning Icon	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks.
Proper Shipping Name	None
UN No. Road	None
ADR Class	None
Hazard No (ADR)	None
Hazchem Code	None
UN No. SEA	None
IMDG Class	None
IMDG Pack Gr.	None
EMS	None
UN No. AIR	None
Air Class	None
Air Pack Gr.	None

SECTION 15: Regulatory information

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

Specific regulations	Regulation (EC) No 1272/2008 of the European Parliament and the council of 16 December 2008 on classification, labeling and packaging of substances and mixtures (as amended). Regulation (EC) no. 1907/ 2006 of the european parliament and the council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and restriction of Chemicals (REACH) (as amended) Workplace Exposure limits EH40
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15.2 Chemical safety assessment

Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.

SECTION 16: Other information

Disclaimer:

All the information in this leaflet is to the best of our knowledge. However, neither can we guarantee the accuracy of any of the information or data contained within. It is not, and should not be construed as, a guarantee or warranty, or a part of our contractual or other legal obligations. We assume no responsibility for any loss, damage or expense, direct or consequential arising out of the use of this product.

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