



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
info@shayandcompany.com

SAFETY DATA SHEET

Version: 1.0

Revision Date: 06/05/2024

1. Product and Company Identification:

Product: Sodium Hyaluronate 7 Solution

Item Code: 90076

Distributor: Shay and Company

2. Hazard Identification:

Hazard Symbol: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Risk Phrases:

Routes of entry: Eyes, skin, oral, inhalation

Acute Eye Contact: May cause mild reversible eye irritation.

Chronic Eye Contact: Chronic exposure not likely from normal use.

3. Composition/Information on Ingredients:

Ingredient Deck: Water, 1,2 Hexanediol, Sodium Hyaluronate

Composition:

Chemical Name	CAS#	EINECS#	DSD Classification 67/548/EEC)	CLP Classification (EC) No 1272/2008	%
Water	7732-18-5	231-791-2	Not classified as dangerous	Not classified as dangerous	Q.S
Sodium Hyaluronate	9067-32-7	618-620-0	Not classified as dangerous	Not classified as dangerous	07-1.8%
1,2 Hexanediol	6920-22-5	230-029-6	Not classified as dangerous	Not classified as dangerous	2.2-3.7%

Hazardous Ingredient/s: Not classified as dangerous

4. First Aid Measures:

Inhalation: Not applicable, avoid breathing liquid or aerosols of material

Eyes: Flush immediately with plenty of water; seek medical attention if irritation persists.

Skin: Wash with soap and water, seek medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting; drink 2-3 glasses of water, contact physician for further treatment.



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5. Fire Fighting Measures:

Suitable Extinguishers: Dry chemical, CO₂, foam, halon, water spray (fog)

Extinguishers Not to be Used: none

Hazardous Decomposition Products: none known

Special Fire Fighting Procedures: Self-contained breathing apparatus with full-face piece and protective clothing

6. Accidental Release Measures:

Personal Precautions: Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.

Environmental Precautions: Non-hazardous but avoid direct releases to the environment.

Clean Up Procedure: Pick up with absorbent material and dispose of according to local regulations. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

7. Handling and Storage:

Handling Precautions: Handle in accordance with good industrial hygiene and safety practice.

Storage Requirements: Keep in a dry, sealed container

Temp. Max: Avoid temps above 40°C as may affect efficacy of product. Optimum storage is 24°C or lower. Do not freeze.

Temp. Min: Do not freeze

8. Exposure Controls/Personal Protection:

Occupational Exposure Limit: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Respiratory Protection: Use with adequate ventilation

Eye Protection: Wear safety glasses

Skin Protection: Protective clothing is not necessary

9. Physical and Chemical Properties:

Description: Clear, free-flowing liquid; no aroma

pH: 5.0-7.5

Melting Point: Not determined

Boiling Point: Not applicable

Flash Point: >250°F (not flammable)



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Solubility in Water (by weight): Soluble

10. Stability and Reactivity:

Condition to Avoid: none

Materials to Avoid: Absorbent materials

Hazardous Decomposition Products: Burning can produce smoke, CO, CO₂, ammonia, and other products of incomplete combustion

Stabilization Techniques: none; product is stable

11. Toxicological Information:

Acute Toxicity: Oral LD₅₀ is anticipated to be >5g/kg based on testing of similar materials

Skin Corrosion/Skin Irritation: Non-corrosive/HRIPT results indicate product is non-irritating

Respiratory or Skin Sensitization: Not expected/HRIPT results indicate product is non-sensitizing

Serious Eye Damage/Eye Irritation: No data available

STOT-Single/STOT-repeated exposure: No data available

Carcinogenicity: None of the components are listed as carcinogenic by IARC, NTP, OSHA, ACGIH or the EU Substances Directive (EC) No 1272/2008 for CMR, categories 1A and 1B

Mutagenicity: AMES test results indicate that this product is non-mutagenic

Toxicity for reproduction: Not expected to affect reproduction or development

12. Ecological Information:

Acute (short term toxicity): Not tested

Fish: Not tested

Crustacea: Not tested

Algae/aquatic plants: Not tested

Other organisms: Not tested

Chronic (long-term toxicity): Not tested

Persistence and Degradability: Not available

Bio accumulative Potential: Not expected to be bio-accumulative in aquatic organisms

Motility in Soil: Since the product is completely soluble in water, it is expected to be highly mobile in soil



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Results of PBT and vPvB Assessment: This mixture does not contain any substances that are assessed to be a PBT or vPvB

Endocrine Disrupting Properties for Environmental Exposure: None known

13. Disposal Considerations:

Handling Precautions: None

Method of Disposal: Dispose of accordance with local regulations.

Contaminated Packaging: Dispose of accordance with local regulations.

14. Transportation Information:

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number	Not Regulated	Not Regulated	Not Regulated	Not Regulated
UN Proper Shipping Name	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Transport Hazard Class	Not applicable	Not applicable	Not applicable	Not restricted (for air travel)
Packaging Group	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazard	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not applicable	Not applicable	Not applicable	Not applicable

15. Regulatory Information:

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

EU EINECS/ELINCS/NLP:	Listed
CANADA DSL:	Listed
US TSCA	Not applicable
KOREA KECI:	All the materials are listed except CAS#9067-32-7
CHINA IECSC/IECIC:	Listed
JAPAN ENCS:	Listed
AUSTRALIA AICS:	Listed
PHILIPPINE PICCS:	All the materials are listed except CAS#9067-32-7
NEW ZEALAND (NZLOC)	Listed



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16. Other Information:

N/A

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.