



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: 06/01/2023

1. Product and Company Identification:

Product: Sodium Hyaluronate 3000 Dalton Powder
Item Code: 90053
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: 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	0.1-5%
Sodium Hyaluronate	9067-32-7	618-620-0	Not classified as dangerous	Not classified as dangerous	95.9-99.9%

Hazardous Ingredient/s: Not classified as dangerous

4. First Aid Measures:

Inhalation: Exit area to fresh air; seek medical attention if irritation persists.
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.

5. Fire Fighting Measures:



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Suitable Extinguishers: CO2 powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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 respiratory protective device against effects of fumes/dust/alcohol. Avoid contact with eyes.

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

Clean Up Procedure: Sweep up 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. Keep out of direct sunlight.

Storage Requirements: Keep in a dry, sealed container

Temp. Max: n/a

Temp. Min: n/a

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: White, free-flowing fine powder; no aroma

pH: 5.0-8.5

Melting Point: Not determined

Boiling Point: Not applicable

Flash Point: No applicable

Solubility in Water (by weight): Soluble



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10. Stability and Reactivity:

Condition to Avoid: none

Materials to Avoid: Liquid materials

Hazardous Decomposition Products: No dangerous decomposition products known.

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: Not available

Endocrine Disrupting Properties for Environmental Exposure: None known



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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

Water hazard class: I-slightly hazardous to water in large volumes

SVHC Candidate List of REACH Regulation Annex XIV Authorization

(6/20/2013): None of the ingredients listed

REACH Regulation Annex XVII Restriction (2/13/2013): None of the ingredients listed

REACH Regulation Annex XIV Restriction (4/17/2013): None of the ingredients listed

16. Other Information:

N/A



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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.