

SAFETY DATA SHEETS

This SDS packet was issued with item:

078483371

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

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POLYGLYCAN

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

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SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION				
IDENTITY (<i>As Used on Label and List</i>) True Name: Hyaluronic Acid + Chondroitin sulfate C4 & C6 + N-acetyl-D-glucosamine Sterile Solution Trade Name: Polyglycan		Product Number(s)		
Manufacturer's Name Bioniche Animal Health USA, Inc.		Emergency Telephone Number (706) 549-4503, after hours call (706) 353-2442 or (706) 714-7373		
Address (<i>Number, Street, City, State and ZIP Code</i>) 119 Rowe Rd. Athens, GA 30601		Telephone Number for Information (706) 549-4503		
		Date Prepared October 8, 2003		
		Signature of Preparer (<i>optional</i>)		
SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS				
COMPOSITION: Hyaluronic Acid + Chondroitin sulfate C4 & C6 + N-acetyl-D-glucosamine Sterile Solution				
Hazardous Components (Specific Chemical Identity, Common Name(s), CAS Number)	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
None				
SECTION III - HAZARDS IDENTIFICATION				
Appearance and Odor. Light yellow and odorless				
OSHA / DOT Hazard Classification(s) Exception to DOT/ICAO/IMDG regulation granted by DOT/RSPA CA-9711024				
Potential Health Hazards N/A				
SECTION IV - FIRST AID MEASURES				
Signs and Symptoms of Exposure N/A				
Medical Conditions Generally Aggravated by Exposure N/A				
Emergency and First Aid Procedures If contact with eye occurs, slight irritation may result. Flush eye with water for several minutes.				
Notes To Physicians N/A				
SECTION V - FIRE FIGHTING MEASURES				
Flash Point (°C / °F) Unknown	Flammable Limits Unknown	LEL	UEL	
Extinguishing Media N/A				
Special Fire Fighting Procedures N/A				
Unusual Fire and Explosion Hazards N/A				
SECTION VI - ACCIDENTAL RELEASE MEASURES				
Steps to Be Taken in Case Material Is Released or Spilled None				

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SECTION VII - HANDLING AND STORAGE			
Precautions to Be Taken in Handling and Storing None			
Other Precautions N/A			
SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION			
Respiratory Precaution (Specify Type) N/A			
Ventilation N/A	Local Exhaust N/A	Special N/A	
	Mechanical (General) N/A	Other N/A	
Protective Gloves N/A		Eye Protection Yes	
Other Protective Clothing or Equipment None			
Work/Hygienic Practices N/A			
SECTION IX- PHYSICAL AND CHEMICAL PROPERTIES			
Flash Point (°C / °F) (Method Used) Unknown	Flammable Limits Unknown	LEL	UEL
Appearance Clear with slight yellowish tint, viscous liquid	Boiling Point (°C / °F) Unknown	Specific Gravity (H ₂ O = 1) Unknown	pH Neutral
Odor None	Vapor Pressure (mm Hg.) Unknown	Freezing / Melting Point (specify) (°C / °F) Unknown	
Physical State Liquid	Vapor Density (AIR = 1) Unknown	Evaporation Rate (Butyl Acetate = 1) Unknown	
Solubility in Water 100%			
SECTION X - STABILITY AND REACTIVITY DATA			
Stability	Unstable		Conditions to Avoid None
	Stable	X	
Incompatibility (Materials to Avoid) N/A			
Hazardous Decomposition or Byproducts Unknown			
Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	
SECTION XI - TOXICOLOGICAL INFORMATION			
Acute Data N/A			
Target Organs N/A			
Carcinogenicity: N/A	NTP?	IARC Monographs?	OSHA Regulated?
Special Studies (epidemiology, carcinogenicity, other studies relevant to subject materials)			
SECTION XII - ECOLOGICAL INFORMATION			
Eco-toxicity (fish and invertebrates, plant life, birds, other) N/A			
Environmental Fate (persistence, degradation, hydrolytic/photolytic stability, etc.) N/A			
SECTION XIII - DISPOSAL CONSIDERATIONS			
EPA / RCRA Waste Numbers under RCRA 40CFR 261 N/A			
Waste Disposal Method No Restrictions			
Special instruction or specific limitations N/A			

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SECTION XIV - TRANSPORT INFORMATION - (THERE ARE NO KNOWN TRANSPORT RESTRICTIONS)				
TRANSPORTATION:	<u>GROUND</u>	<u>DOMESTIC AIR</u>	<u>INT'L AIR</u>	<u>OCEAN</u>
SHIPPING NAME				
UN/ID NONOT				
CLASS				
PACKING GRP				
LABELS				
MARKING				
PACKAGING INST				
DOCUMENTATION				
REFERENCE				
SECTION XV - REGULATORY INFORMATION				
UN REGULATIONS, TRANSPORT OF DANGEROUS GOODS N/A				
OSHA N/A				
DOT / IATA / IMDG	DOT: 49 CFR; para. 173.134 & 196	IATA: para. 3.6.7 / 8	DOT / RSPA Exception CA-9711024	
EPA / RCRA N/A				
SECTION XVI - OTHER N/A				
Right To Know Hazard Information (4 = Severe Hazard; 3 = Serious Hazard; 2 = Moderate Hazard; 1 = Slight Hazard; 0 = Minimal Hazard)				
Health =	0 -	Fire =	0 -	Reactivity =
				0 -
Other (specify) = -				
Key / Legends Used "N/A" = Not Applicable				
Preparation Date	December 13, 2005			
Revision Information	New			
Other				

The information contained herein is considered to be correct as of the date of this data sheet but does not purport to be all-inclusive and shall be used only as a guide. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Bioniche Animal Health USA, Inc. assumes no responsibility for damages caused by the use, storage or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the product.

SECTION 1: IDENTIFICATION**1.1. Product Identifier**

Product Form: Mixture

Product Name: Polyglycan - SA

Product Code: 1POL009

Synonyms: Polyglycan-SA, 2.5 ml sterile vial

1.2. Intended Use of the Product

Use of the Substance/Mixture: Veterinary device: Sterile Post -Surgical Lavage / Synovial Fluid Replacement / Viscosupplement.

1.3. Name, Address, and Telephone of the Responsible Party**Distributor**

Bimeda Inc.

One Tower Lane

Oakbrook Terrace Tower

Oakbrook Terrace, IL 60181

T 630-928-0361

F 630-928 0362

www.bimedaus.com

1.4. Emergency Telephone Number

Emergency Number : 519-654-8055, 800-424-9300 CHEMTREC (in US); +1 703-527-3887 CHEMTREC (International and Maritime)

SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the Substance or Mixture****GHS-US Classification**

Not classified

2.2. Label Elements**GHS-US Labeling**

No labeling applicable

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substance**

Not applicable

3.2. Mixture

Full text of H-phrases: see section 16

Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

SECTION 4: FIRST AID MEASURES**4.1. Description of First-aid Measures**

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

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Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: None known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Veterinary device: Sterile Post -Surgical Lavage / Synovial Fluid Replacement / Viscosupplement.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

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8.2. Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles.



Materials for Protective Clothing

: Chemically resistant materials and fabrics.

Hand Protection

: Wear protective gloves.

Eye and Face Protection

: Chemical safety goggles.

Skin and Body Protection

: Wear suitable protective clothing.

Respiratory Protection

: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information

: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear with slight yellowish tint, viscous liquid
Odor	: No data available
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

9.2. Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products:** None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Not classified

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

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Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: None expected under normal conditions of use.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not classified.

12.2. Persistence and Degradability

Polyglycan - SA	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Polyglycan - SA	
Bioaccumulative Potential	Not established.

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations Neither this product nor its chemical components appear on any US federal lists.

15.2. US State Regulations Neither this product nor its chemical components appear on any US state lists.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 11/13/2017

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

GHS Full Text Phrases:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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