

# SAFETY DATA SHEET

## DEXTRAN SULFATE, SODIUM SALT

### SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

**BioShop Canada Inc.**  
5480 Mainway  
Burlington, Ontario L7L 6A4  
1-800-234-1179  
Emergency Telephone No.: 1-905-466-3832  
Chemical Name: Dextran sulfate, sodium salt  
Catalog Number: DEX001

### SECTION 2 HAZARDS IDENTIFICATION

**GHS Classification:**  
Not hazardous according to GHS

**Target Organs:** Non known  
**Eyes:** May cause irritation..  
**Skin:** May cause irritation.  
**Inhalation:** May cause irritation to respiratory tract.  
**Ingestion:** May cause irritation to GI tract  
**CHRONIC HEALTH HAZARDS:** none known.

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS#	%
Dextran sulfate, Sodium salt	9011-18-1	99%

**Molecular Formula:** N/A  
**Molecular Weight:** approx 500,000

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with water .  
**Skin:** In case of contact, flush area immediately with water.  
**Inhalation:** Remove victim to fresh air.  
**Ingestion:** Wash mouth with water. Get medical aid

### SECTION 5 FIRE FIGHTING MEASURES

**Flammable:** No  
**Flash Point:** N/A  
**Autoignition Temperature:** N/A  
**Extinguishing Media:** Use water spray, foam, dry chemical or carbon dioxide.  
**Explosion Data:** Not available

### SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container.

**Leak and Spill Procedures:** Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container

### SECTION 7 HANDLING AND STORAGE

**Handling:** Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

**Storage Conditions:** Room temperature.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: none listed

Use adequate ventilation. AVOID DUST GENERATION.

Wear appropriate protective equipment to prevent eye and skin exposure.

Wear appropriate respirator to prevent lung irritation.

**Personal Protection:** Lab coat, safety goggles, rubber gloves.

**Ventilation:** Local exhaust systems. Use fume hood

**Respiratory protection:** use OSHA/MSHA approved respirator.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** solid

**Appearance and Odor:** white powder. Odorless.

**Melting Point:** N/A

**Boiling Point:** N/A

**Specific Gravity:** N/A

**Vapor Density:** N/A

**Water Solubility:** yes

**pH:** N/A

### SECTION 10 STABILITY AND REACTIVITY:

**Stability:** Stable at normal room temperature and pressure

**Conditions to avoid:** dust generation

**Incompatibility** strong oxidizing agents.

**Hazardous Decomposition Products:** carbon dioxide, carbon monoxide and nitrogen oxides, toxic fumes of sodium.

**Hazardous Polymerization:** Has not been reported

### SECTION 11 TOXICOLOGICAL PROPERTIES

**Exposure Limits:**

Not available

**Epidemiology:** No data available

**Teratogenicity:** No data available

**Reproductive Effects:** No data available

**Neurotoxicity:** No data available

**Mutagenicity:** No data available

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<b>SECTION 12      ECOLOGICAL INFORMATION</b>
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No information found.

<b>SECTION 13      DISPOSAL CONSIDERATION</b>
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**Waste Disposal:** Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

<b>SECTION 14      TRANSPORT INFORMATION</b>
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**Shipping Information:** Not regulated

<b>SECTION 15      REGULATORY INFORMATION</b>
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**US :** TSCA: listed

**European/International:** N/A

**Canada:** WHMIS: not controlled

<b>SECTION 16      ADDITIONAL INFORMATION</b>
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**Hazard Rating System (estimated)**

<b>NFPA</b>	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>
	<b>1</b>	<b>0</b>	<b>0</b>

Prepared By: M.Kierdelewicz (President)

Date Prepared: Dec 29/2021

Phone: (800) 234-1179

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product.

Observe all federal, provincial and state laws concerning health, safety and pollution.