

# SAFETY DATA SHEET

## BIS-ACRYLAMIDE SOLUTION (N,N'-Methylenebisacrylamide)

### 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: Bis-acrylamide 2% solution  
Catalog Number: ACR007  
Recommended Use: for research use

### SECTION 2 HAZARDS IDENTIFICATION

Emergency overview:

**GHS Classification:** not a hazardous substance according to GHS

#### Potential Health Effects

**Target Organs:** none known

**Eyes:** may cause eye irritation.

**Skin:** may cause skin irritation. May be absorbed through skin.

**Inhalation:** may cause irritation. Prolonged exposure may cause pulmonary edema.

**Ingestion:** may be harmful if swallowed. May cause irritation of the digestive tract. May cause neurotoxicity.

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	EC-No	%
Bis-acrylamide	110-26-96	203-750-9	2
Water	7732-18-5	231-791-2	98

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

**Skin:** Flush area immediately with plenty of soap and water .

**Inhalation:** Remove victim to fresh air. If not breathing give artificial respiration .Get medical attention if symptoms persist.

**Ingestion:** Wash mouth with water.

### SECTION 5 FIRE FIGHTING MEASURES

**General Information:** Always wear full protective gear in the event of a fire. Toxic gas and vapors may be generated by decomposition or combustion. Excessive dust in combination with air can create an explosive mixture.

**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

#### Personal precautions:

Ventilate the area. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing.

#### Methods for containment and clean up:

If safe to do so, contain further leakage. Use absorbent for clean up. Sweep and place in a closed container. Dispose according to local regulations.

### 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:** 4C.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure limits: none listed

Use adequate ventilation. Avoid spills..

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:** Use appropriate exhaust ventilation .

**Respiratory protection:** use OSHA/MSHA approved dust masks.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Liquid

**Odor:** no information found

**Odor Threshold:** : no information found

**Melting Point:** no information found

**Boiling Point:** no information found

**Specific Gravity:** no information found

**Vapor Density:** no information found

**Vapor pressure:** no information found

**Water Solubility:** soluble

**pH:** no information found

**Flammability:** no information found

**Flash point:** no information found

**Ignition temperature:** no information found

**Autoignition temperature:** no information found

**Lower explosion limit:** no information found

**Upper explosion limit:** no information found

### SECTION 10 STABILITY AND REACTIVITY:

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

**Conditions to avoid:** no data available

**Incompatibility** strong oxidizing agents

**Hazardous Decomposition Products:** carbon oxides and nitrogen oxides.

**Hazardous Polymerization:** Has not been reported

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(N,N'-Methylenebisacrylamide)

### SECTION 11 TOXICOLOGICAL PROPERTIES

**Exposure Limits:**

LD50 / LC50:  
no data available

**Epidemiology:** No data available

**Teratogenicity:** No data available

**Reproductive Effects:** No data available

**Neurotoxicity:** No data available

**Mutagenicity:** No data available

**Carcinogenicity:** Not listed by ACGIH, IARC, NTP, or OSHA

### SECTION 12 ECOLOGICAL INFORMATION

**Toxicity:**

No information found.

### SECTION 13 DISPOSAL CONSIDERATION

**Waste Disposal:** Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

### SECTION 14 TRANSPORT INFORMATION

**Shipping Information:**

DOT (US): not dangerous

IMDG: not dangerous

IATA: not dangerous

### SECTION 15 REGULATORY INFORMATION

**US :** TSCA: listed

**Canada:** WHMIS: D2A

### SECTION 16 ADDITIONAL INFORMATION

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.