

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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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: Jan 1/2025

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.