

Material Safety Data Sheet

Section1. Product Information and Company Identification

Product name	Bis-Acrylamide		
Mol.formula	C7H10N2O2	Cas no	110-26-9
Mol.wt	154.17 g/mol	Cat no	B014
Manufacture name	Pioneers for laboratory chemicals		
Brand name	Piochem		
Address	Area 540, Industrial Zone 6 th October city Giza, Egypt.		
Website	www.piochem.com		
E-mail	info@piochem.com		
Phone number	+201225728304 , +201023932115		

Section 2.Hazards Identification

Appearance: white solid.

Warning! Harmful if swallowed. Causes eye, skin, and respiratory tract irritation. May be harmful if absorbed through skin or if inhaled. May cause nervous system effects. Light sensitive. Refrigerate upon arrival below . May cause adverse reproductive effects based upon animal studies.

Target Organs: Eyes, nervous system, reproductive system, skin.

Potential Health Effects

Eye: Causes eye irritation.

Skin: Causes skin irritation. May be absorbed through the skin.

Ingestion: Harmful if swallowed. May cause irritation of the digestive tract. Like acrylamide, may cause central, peripheral, and autonomic nervous system effects.

Inhalation: Causes respiratory tract irritation. Acrylamide, a similar compound, can be absorbed through the lungs and overexposure will produce signs of neurotoxicity.

Inhalation studies with methylenebisacrylamide have produced acute pulmonary edema in animals.

Chronic: Adverse reproductive effects have been reported in animals. Prolonged or repeated exposure affects the nervous system.



Section 3. First Aid Measures

Eyes:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

Skin:

In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.

Ingestion:

If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Treat symptomatically and supportively.

Antidote:

Pyridoxine (vitamin B6), pyruvate, and N-acetylcysteine have been used to reduce the toxicity of acrylamide in experimental studies, but are unproven.

Section 4. Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Combustion generates toxic fumes. Use water spray to keep fire-exposed containers cool. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: 2; Flammability: 1; Instability:

Section 5. Accidental Release Measures

General Information:

Use proper personal protective equipment as indicated.



Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation.

Section 6. Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid breathing dust.

Storage: Store in a tightly closed container. Keep refrigerated. Keep away from polymerization catalysts. Store away from heat, oxidizing agents, acids, alkalies, and sunlight.

Section 7. Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.

