

MSDS

Material Safety Data Sheet

Bisacrylamide Molecular Biology Grade

1. Identity of the substance and manufacturer

- ✓ *Identification of the product*
Catalog Number: BACRBA100
Product Name: Bisacrylamide Molecular Biology Grade

- ✓ *Manufacturer/supplier identification*
BioAmerica, Inc.
13230 SW 132nd Ave Suite 33
Miami FL 33186 USA
Phone/Fax: (305) 395-7674 / 395-5215

2. Composition/information about the components

- ✓ *Synonyms*
N, N'-Methylenediacrylamide; M-Bis, Bis
Molar mass: 154.17g/mol
Molecular formula: C₇H₁₀N₂O₂

3. Hazards

- ✓ Harmful if swallowed.

4. First Aid

- ✓ Inhalation: fresh air.
- ✓ Skin contact: wash off with plenty of water.
Remove contaminated clothing.
- ✓ Eye contact: rinse out with plenty of water with
the eyelid held wide open.
- ✓ Swallowing: make victim drink plenty of water,
Induce vomiting, summon doctor.

5. Fire-fighting

- ✓ *Suitable extinguishing media*
Powder, foam.
- ✓ *Special risks*
Combustible. Development of hazardous combustion
gases or vapors possible in the event of fire.
The following may develop in event of fire:
nitrous gases.
- ✓ *Special protective equipment for fire fighting*

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

6. Accidental Release

- ✓ *Person-related precautionary measures*
Avoid generation of dusts; do not inhale dusts.
- ✓ *Environmental-protection measures*
Do not allow to enter sewerage system.
- ✓ *Procedures for cleaning / absorption*
Take up dry. Forward for disposal. Clean up affected area.

7. Handling and storage

- ✓ *Handling*
No further requirements.
- ✓ *Storage*
Tightly closed. Dry. Cool (+2°C to +8°C).

8. Exposure controls and protection

- ✓ *Personal protective equipment*
Respiratory protection: required when dusts are
generated.
Eye protection: required.
Hand protection: required.
- ✓ *Industrial hygiene*
Change contaminated clothing. Wash hands after working
with substance.

9. Physical and chemical properties

Form:	solid
Color:	white
Odor:	odorless
pH value at 6g/l H ₂ O (20 °C):	not available
Boiling point (13.3 hPa):	not available
Melting point:	>300 °C
Ignition temperature:	not available
Flash point:	not available
Explosion limits:	lower not available upper not available
Relative vapor density:	not available



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R E A G E N T S

Density (23°C):	not available
Bulk density:	~ 200 kg/m ³
Solubility in: water (20°C)	slightly soluble
Ethanol (20°C)	soluble

10. Stability and reactivity

- ✓ *Conditions to be avoided*
Strong heating.
- ✓ *Substances to be avoided*
No information available.
- ✓ *Hazardous decomposition products*
In the event of fire: nitrous gases.

11. Toxicological information

- ✓ *Acute toxicity*
LD50 (oral, rat): 390 mg/kg.
- ✓ *Subacute to chronic toxicity*
We have no description of any toxic symptoms. After ingestion: harmful.
- ✓ *Further toxicological information*
Further hazardous properties cannot be excluded.
The product should be handled with the care usual when dealing with chemicals.
- ✓ *Further data*
The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

- ✓ *Ecotoxic effects:*
Quantitative data on the ecological effect of this product are not available.
- ✓ *Further ecologic data:*
Do not allow to enter waters, waste water, or soil!

13. Disposal considerations

No special requirements. It is the responsibility of the user to observe all laws, rules and regulations, whether local, regional or national.

14. Transport information

Not subject to transport regulations

For more information about Bis and another products visit our website at www.bioamerica-inc.com

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