

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: Antibiotic-Antimycotic (100X)
Catalog Number: B221xx
Recommended Use: For *in vitro* research use only
Company: Atlanta Biologicals, Inc.
 4172 Industry Way
 Flowery Branch, GA 30542
Telephone Number: 1-800-780-7788
Emergency Telephone Number: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Respiratory sensitization (Category 1)
 Skin sensitization (Category 1)
 Reproductive toxicity (Category 2)

GHS Label Elements (Including precautionary statements)

Pictogram



Signal Word Danger

Hazard Statement(s)

H302 Harmful if swallowed.
 H317 May cause an allergic skin reaction.
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H361 Suspected of damaging fertility or the unborn child.

Precautionary Statement(s)

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P308 + P313 If exposed or concerned, get medical advice/attention.
 P321 Specific treatment (see supplemental first aid instructions on this label).
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P405 Store locked up.
 P501 Dispose of contents/container to an approved waste disposal plant.

Hazards not Otherwise Classified (HNOC) or not covered by GHS

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Hazard Classification	Concentration
Penicillin G, Sodium Salt	69-57-8	Acute Toxicity 4; Reproductive Toxicity 2; H302, H361	< 2.0
Streptomycin Sulfate	3810-74-0	Respiratory Sensitization 1; Skin Sensitization 1; H317, H334	< 2.0

4. FIRST AID MEASURES

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled: If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most Important Symptoms and Effects, both Acute and Delayed

The most important known symptoms and effects are described in the labeling section (section 2).

Indication of any Immediate Medical Attention and Special Treatment Needed

No data available

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Hazards Arising from the Substance or Mixture

Carbon oxides, nitrogen oxides, sulfur oxides, sodium oxides

Special Protective Equipment for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Containment and Clean-Up Methods

Absorb spill with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2.

Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place. Opened containers must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substance(s) with occupational exposure limit values.

Appropriate Engineering Controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

Personal Protective Equipment

Eye/Face protection: Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection: Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Appearance:	Liquid
Odor:	No data available
Odor threshold:	No data available

Chemical Properties

pH:	No data available
Melting point/Freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosion limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	No data available
Solubility:	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical Stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

No data available

Conditions to Avoid

No data available

Incompatible Materials

Oxidizing agents, acids, heavy metal salts

Hazardous Decomposition Products

In the event of fire, see Section 5

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

No data available

Inhalation: No data available

Dermal LD50: No data available

Skin Corrosion/Irritation

No data available

Serious Eye Damage/Eye Irritation

No data available

Respiratory or Skin Sensitization

May produce an allergic reaction.

Germ Cell Mutagenicity

No data available

Chronic Toxicity

IARC: No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product is present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity

No data available

Specific Target Organ Toxicity - Single Exposure

No data available

Specific Target Organ Toxicity - Repeated Exposure

No data available

Aspiration Hazard

No data available

Additional Information

RTECS: Not available

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Liver – Irregularities – Based on human evidence (Streptomycin sulfate)

Liver – Irregularities – Based on human evidence (Amphotericin B)

12. ECOLOGICAL INFORMATION

Not Applicable

13. DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations

14. TRANSPORT INFORMATION

Not regulated

15. REGULATORY INFORMATION

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right To Know Act.

Pennsylvania Right To Know Components

No components are subject to the Pennsylvania Right To Know Act.

New Jersey Right To Know Components

Component	CAS No.	Revision Date
Penicillin G, sodium salt	69-57-8	
Streptomycin sulfate	3810-74-0	7/17/2009

California Prop. 65 Components

This product contains a chemical known to State of California to cause birth defects or other reproductive harm.

Component	CAS No.	Revision Date
Streptomycin sulfate	3810-74-0	9/28/2009



16. OTHER INFORMATION

HMIS Classification

Health Hazard: 2*

Flammability: 0

Physical Hazards: 0

*Additional chronic hazards present

NFPA Classification

Health Hazard: 2

Flammability: 0

Physical Hazards: 0

Preparation Date: August 2014

Version Number: 0.0

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Atlanta Biologicals shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.