

## MATERIAL SAFETY DATA SHEET

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Version 1.1

## Section 1 - Product and Company Information

Product Name	BACITRACIN
Product Number	851868
Brand	ALDRICH
Company	Sigma-Aldrich
Street Address	3050 Spruce Street
City, State, Zip, Country	SAINT LOUIS MO 63103 US
Technical Phone:	314 771 5765
Emergency Phone:	414 273 3850 Ext. 5996
Fax:	800 325 5052

## Section 2 - Composition/Information on Ingredient

Substance Name	CAS #	SARA 313
BACITRACIN	1405-87-4	No
Formula	C66H103N17O16S	
Synonyms	Ayfivin * Baciguent * Baci-Jel * Baciliquin * Bacitek ointment * Fortracin * Parentracin * Penitracin * Topitracin * Topitrasin * USAF CB-7 * Zutracin	
RTECS Number:	CP0175000	

## Section 3 - Hazards Identification

## EMERGENCY OVERVIEW

Harmful.

Harmful in contact with skin and if swallowed.

Possible sensitizer. Target organ(s): Kidneys.

For additional information on toxicity, please refer to Section 11.

## Section 4 - First Aid Measures

## ORAL EXPOSURE

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

## INHALATION EXPOSURE

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

## DERMAL EXPOSURE

In case of contact, immediately wash skin with soap and copious amounts of water.

## EYE EXPOSURE

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

## Section 5 - Fire Fighting Measures

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### FLASH POINT

N/A

### AUTOIGNITION TEMP

N/A

### FLAMMABILITY

N/A

### EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

### FIREFIGHTING

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Emits toxic fumes under fire conditions.

### EXPOSURE HAZARD(S)

Material: Possible sensitizer.

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## Section 6 - Accidental Release Measures

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### PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

### METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

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## Section 7 - Handling and Storage

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### HANDLING

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

### STORAGE

Suitable: Keep tightly closed.  
Store at 2-8°C

### SPECIAL REQUIREMENTS

Hygroscopic.

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## Section 8 - Exposure Controls / PPE

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### ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

### PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Government approved respirator.

Hand: Compatible chemical-resistant gloves.

Eye: Chemical safety goggles.

### GENERAL HYGIENE MEASURES

Wash thoroughly after handling. Wash contaminated clothing before reuse.

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## Section 9 - Physical/Chemical Properties



Mouse  
360 mg/kg  
LD50

Intraperitoneal  
Rat  
190 MG/KG  
LD50

Remarks: Lungs, Thorax, or Respiration:Other changes.

Oral  
Mouse  
> 3750 mg/kg  
LD50

Intraperitoneal  
Mouse  
300 MG/KG  
LD50

Subcutaneous  
Mouse  
1300 MG/KG  
LD50  
Remarks: Behavioral:Somnolence (general depressed activity).

Intravenous  
Mouse  
360 MG/KG  
LD50  
Remarks: Behavioral:Somnolence (general depressed activity).  
Behavioral:Convulsions or effect on seizure threshold. Lungs,  
Thorax, or Respiration:Other changes.

Oral  
Guinea pig  
2000 mg/kg  
LD50

Oral  
Quail  
> 316 mg/kg  
LD50

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## Section 12 - Ecological Information

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No data available.

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## Section 13 - Disposal Considerations

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### APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

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## Section 14 - Transport Information

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### DOT

Proper Shipping Name: None  
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

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Section 15 - Regulatory Information

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EU ADDITIONAL CLASSIFICATION

S: 22 24/25

Safety Statements: Do not breathe dust. Avoid contact with skin and eyes.

US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Harmful.

Risk Statements: Harmful in contact with skin and if swallowed.

Safety Statements: Wear suitable protective clothing.

US Statements: Possible sensitizer. Target organ(s): Kidneys.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

TSCA INVENTORY ITEM: Yes

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Section 16 - Other Information

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