

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

**Section 1: Identification****Product Name** BACITRACIN ZINC USP MICRONIZED (NON-STERILE)**Commercial Name** Not available.**Product Use** Not available.**Restrictions On Use** Not available.**Product Code** 30-1176**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300****Section 2: Hazard(s) Identification****OSHA Haz Com:** Sensitization, skin Category 1  
**CFR 1910.1200****Signal Word** WARNING**Hazard Statement(s)** May cause an allergic skin reaction.**Pictogram(s) or Symbol(s)****Precautionary Statement(s):**

<b>Prevention</b>	Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
<b>Response</b>	If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Storage</b>	Not available
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.

**Section 3: Composition/Information on Ingredients**

<b>Substance/Mixture</b>	Substance
<b>Components</b>	Bacitracin Zinc
<b>% By Weight</b>	100
<b>CAS#</b>	1405-89-6
<b>Molecular Weight</b>	Not available.
<b>Chemical Formula</b>	Not available.
<b>Synonym(s)</b>	Fortracin, Ayfivin, Bacliquin

**Mixtures**

<b>Name</b>	<b>CAS#</b>	<b>% by Weight</b>	<b>TLV/PEL</b>	<b>LC50/LD50</b>
Not available.				

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**Section 4: First-Aid Measures**

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin Contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
<b>Eye Contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur
<b>Symptoms/Effects</b>	
<b>Acute</b>	May cause an allergic skin reaction.
<b>Delayed</b>	May cause an allergic skin reaction.
<b>Immediate Medical Attention</b>	
Provide general supportive measures and treat symptomatically	

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

Water. Foam. Dry chemical or CO<sub>2</sub>. Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable Extinguishing Media**

None known.

**Products of Combustion**

No unusual fire or explosion hazards noted

**Firefighters Special Equipment and Precautions**

Wear suitable protective equipment. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing. Use water spray to cool unopened containers. Use standard firefighting procedures and consider the hazards of other involved materials.

**Section 6: Accidental Release Measures**

Keep unnecessary personnel away. Wear appropriate personal protective equipment. Avoid inhalation of dust from the spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Avoid the generation of dusts during clean-up. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. Avoid discharge into drains, water courses or onto the ground.

**Section 7: Handling and Storage**

Handling; As a general rule, when handling USP Reference Standards, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly. Select and use containment devices and personal protective equipment based on a risk assessment of material potency and exposure potential. Storage: Store in tight container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	No exposure limits noted for ingredient(s)
<b>Engineering Controls</b>	For laboratory operations, use good technique and limit open handling. Control exposures to below the occupational exposure level (if available). Select and use containment devices and personal protective equipment based on a risk assessment of exposure potential. Cover all containers for solutions and slurries while being transferred.

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**Personal Protection**

Eye/face protection: Wear safety glasses with side shields, chemical splash goggles, or full face shield, if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available. Skin protection Hand protection: Wear nitrile or other impervious gloves if skin contact is possible. When the material is dissolved or suspended in an organic solvent, wear gloves that provide protection against the solvent. Other: Wear lab coat. Base the choice of skin protection on the job activity, potential for skin contact and solvents and reagents in use. Do not wear protective garments in common areas (e.g., cafeterias) or out-of-doors. Respiratory protection: Respirators are generally not required for laboratory operations. Choose respiratory protection appropriate to the task and the level of existing engineering controls. Thermal hazards: Wear appropriate thermal protective clothing, when necessary. General hygiene considerations: Handling practices in this SDS are recommendations for laboratory use of reference standards. Procedures for any other uses or quantities should be determined after an appropriate assessment.

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**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	White. Tan. Light brown. Powder. Solid.		
<b>Odor</b>	Odorless Slight.		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	482 °F (250 °C) (decompose	<b>pH</b>	Not available
<b>Freezing Point</b>	Not available.	<b>Vapor Pressure</b>	Not applicable.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	Not available.	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Not available.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Sparingly soluble in water.		
<b>Other</b>	Alcohol: Slightly soluble. Ether: Very slightly soluble Chemical family Cyclic polypeptide. Molecular formula C66H101N17O16SZn Molecular weight 1486 pH in aqueous solution 6 - 7.5		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical Stability</b>	Material is stable under normal conditions.
<b>Hazardous Polymerization</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to Avoid</b>	Contact with incompatible materials.
<b>Incompatible Materials</b>	Strong oxidants agents
<b>Hazardous Decomposition Products</b>	Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions. NOx. SOx. Zinc oxide.

**Section 11: Toxicological Information****RTECS** Not available.**Acute Toxicity**

Not available.

**Skin Corrosion/Irritation**

May cause an allergic skin reaction

**Serious Eye Damage/Irritation**

Not available

**Respiratory or Skin Sensitization**

May cause an allergic skin reaction

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not determined

**Reproductive Toxicity**

Not determined

**Routes of Entry**

Skin

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**Symptoms Related to Exposure**

Skin rash. Gastrointestinal disturbances. Abdominal pain.

**Potential Health Effects**

Not available.

**Target Organ(s)**

Not available.

**Section 12: Ecological Information****Ecotoxicity**Aquatic: Crustacea: EC50 Water Flea (*Daphnia magna*) 18.1 - 51.2 mg/l, 48 hours**Persistence and Degradability**

Not available

**Bioaccumulative Potential**

Not available

**Mobility in Soil**

Not available.

**Other Adverse Effects**

None known

**Section 13: Disposal Considerations****Waste Disposal**

Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste

**Disposal of Container**

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner

**Other Considerations**

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**Section 14: Transport Information****DOT Classification**

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

**Section 15: Regulatory Information****Regulations**

US federal regulations TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Bacitracin Zinc (CAS 1405-89-6) Listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052) Not regulated. SARA 302 Extremely hazardous substance Superfund Amendments and Reauthorization Act of 1986 (SARA) Not listed. YesSARA 311/312 Hazardous chemical Respiratory or skin sensitization Classified hazard categories SARA 313 (TRI reporting) Chemical name % by wt. CAS number Bacitracin Zinc 1001 Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Priority pollutant Toxic pollutant Clean Water Act (CWA) Section 112(r) (40 CFR 68.130) Not regulated. Safe Drinking Water Act (SDWA) US state regulations California Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 2016 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Other**

Not available.

**Section 16: Other Information**

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