

**Safety Data Sheet**

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

Section 1: Identification**Product Name** Polymyxin B Sulfate USP Micronized (Non-Sterile)**Commercial Name** Not available.**Product Use** Anti- infective/anti biotic; ophthalmic, topical**Restrictions On Use** Not available.**Product Code** 30-1086**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:** Not available.**CFR 1910.1200****Signal Word** WARNING**Hazard Statement(s)** Harmful if swallowed.**Pictogram(s) or Symbol(s)****Precautionary Statement(s):**

Prevention	Not available
Response	Not available.
Storage	Not available.
Disposal	Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture	Substance
Components	Polymyxin B Sulfate
% By Weight	100
CAS#	1405-20-5
Molecular Weight	Not available.
Chemical Formula	C ₄₃ H ₈₂ N ₁₆ O ₁₂ .xH ₂ SO ₄
Synonym(s)	Aerosporin

Mixtures				
Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Polymyxin B Sulfate	1405-20-5	100	Not available.	ORAL (LD50):Acute: 790mg/kg [Mouse].

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Section 4: First-Aid Measures

Inhalation	If inhales, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	Not available.

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

Small fire: Use dry chemical powder. Large fire: Use water spray, fog or foam. Do not water jet.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

nitrogen oxides (NO, NO₂).

Firefighters Special Equipment and Precautions

Be sure to use approved/certified respirator or equivalent.

Section 6: Accidental Release Measures

Personal precautions: Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might be sufficient, consult specialist before handling this product. Environmental precautions: Cover any spilled material in accordance with regulations to prevent dispersal by wind. Observe local bye-laws. Methods for cleaning up: Use appropriate tools to put the spilled solid a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. In case of large spill and leak use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Handling: Keep away from heat. Keep away from sources of ignition. Empty bags pose risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breath dust. Wear suitable protective clothing. If ingested, seek medical advices immediately and show the bag or the label. Storage: Keep bag tightly closed. Keep bag in cool, well-ventilated area. Do not store above 20°C (68°F). Packing materials: Use original bag.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Observe information in section 7. Use process enclosures, local ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	General protection and hygiene measures: Do not eat, drink or smoke when handling. Avoid contact with eyes and skin. Do not breath dust. Respiratory protection: When dust formation fine dust mask without protection rating. Hand protection: Protective gloves recommended. Eye protection: Protective goggles.

Section 9: Physical and Chemical Properties

Appearance	white or almost white powder, hygroscopic Solid. Powder.		
Odor	odourless or faint odour		
Odor Threshold	Not available.		
Melting Point	>240°C	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available.	Vapor Density	0.6
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	805°C
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.

Solubility(ies)	easily soluble in cold water
Other	Bulk density: approx. 250 kg/m3

Section 10: Stability and Reactivity

Reactivity	Reacts with strong oxidation agents.
Chemical Stability	Not available.
Hazardous Polymerization	Not available.
Conditions to Avoid	Not available.
Incompatible Materials	Oxidizing agent.
Hazardous Decomposition Products	These products are nitrogen oxides (NO, NO2).

Section 11: Toxicological Information

RTECS	TR1150000
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Acute Toxicity
Not available.

Skin Corrosion/Irritation
Not available

Serious Eye Damage/Irritation
Not available.

Respiratory or Skin Sensitization
Not available.

Germ Cell Mutagenicity
Testing not included.

Carcinogenicity
Testing not included.

Reproductive Toxicity
Testing not included.

Routes of Entry
Not available.

Symptoms Related to Exposure
Hazardous in case of ingestion. Exposure can cause nausea, headache and vomiting.

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Potential Health Effects

May cause convulsion.

Target Organ(s)

Repeated or prolonged exposure to the substance can produce kidney damage.

Section 12: Ecological Information**Ecotoxicity**

12.1 – 12.5 Quantitative data/information to ecological effect is not available. 12.6 Other adverse effects: · National regulations (Germany) Water pollution class : 3 Do not allow to enter drinking water supplies, waste water, or soil!

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Do not introduce into waters and into soil.

Other Adverse Effects

No likelihood of damaging effect on water organisms. Effects in sewage treatment plants (bacteria toxicity: respiration -/reproduction inhibition): According to present experience, no adverse effects on water purification plants.

Section 13: Disposal Considerations**Waste Disposal**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Disposal of Container

Recommended cleaning agent: Water.

Other Considerations

Not available.

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**

Not available

Other

Not available.

Section 16: Other Information

Indication of changes: Reclassification related to current EC-Regulation. Key literature references and sources for data: Regulation (EC) No. 1272/2008 and No. 487/2013 IATA-DGR Römpp, Merck, STN, RTECS, Kühn-Birett, BIA, Sorbe, Geftrans <http://www.baua.de> <http://www.arbeitssicherheit.de> The above mentioned data correspond to our present state of knowledge and experience. They serve as a description of the products in regard to necessary safety measures and do not guarantee the described chemical properties.