



# MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

<b>IDENTITY</b> (As Used on Label and List) <b>(Pen Aqua Sol-G (All sizes) (Penicillin G Potassium Soluble Powder)</b>	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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<b>Section I</b>	
Manufacturer's Name <b>Bimeda, Inc.</b>	Emergency Telephone Number 800-424-9300 (Chemtrec Service)
Address (Number, Street, City, State and ZIP Code) One Tower Lane, Suite 2250 Oakbrook Terrace Tower Oakbrook Terrace, IL 60181	Telephone Number for Information 630-928-0361
	Date Prepared <b>February 22, 2006</b>
	Signature of Preparer (optional)

<b>Section II - Hazardous Ingredients/Identity Information</b>				
COMPOSITION:				
Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
Penicillin G Potassium, CAS# 113-98-4	N/A	N/A		
This product contains Penicillin G Potassium, a non-hazardous compound.				

<b>Section III - Physical/Chemical Characteristics</b>			
Boiling Point	N/A-Powder	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	Decomposes at 214°C
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Soluble in Water			
Appearance and Odor Colorless to white crystals or powder. Odorless or practically odorless. Moderately hygroscopic.			

<b>Section IV - Fire and Explosion Hazard Data</b>			
Flash Point (Method Used) No Data	Flammable Limits No Data	LEL N/A	UEL N/A
Extinguishing Media Water Spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

(Reproduce locally)

<b>Section V - Reactivity Data</b>				
Stability	Unstable		Conditions to Avoid None Known	
	Stable	<b>X</b>		
Incompatibility ( <i>Materials to Avoid</i> ) Incompatible with Oxidizing agents. Reactive with acids and alkalis.				
Hazardous Decomposition or Byproducts Toxic fumes of: carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ) and sulfur oxides (SO, SO <sub>2</sub> ).				
Hazardous Polymerization	May Occur		Conditions to Avoid	
	Will Not Occur	<b>X</b>	None Known	
<b>Section VI - Health Hazard Data</b>				
Route(s) of Entry:	Eyes? Yes	Inhalation? Nuisance dust	Skin? Yes	Ingestion? Yes
Health Hazards ( <i>Acute and Chronic</i> ) Acute: Irritation to eyes and skin. Practically non toxic when swallowed (ingestion). Chronic: Adverse effects could include: stomach discomfort, allergic reactions, including anaphylaxis, in people sensitive to penicillins.				
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No	
Signs and Symptoms of Exposure May be irritating to eyes and skin.				
Medical Conditions Generally Aggravated by Exposure 5-10% of the population is sensitive to penicillin. Persons allergic to Penicillin should not handle this product. Allergic reactions can include anaphylactic shock, in which case seek medical attention immediately.				
Emergency and First Aid Procedures In case of skin irritation, flush with copious amounts of water for at least 15 minutes. Wash contaminated clothing. In case of eye contact, flush eyes with copious quantities of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Seek medical attention if irritation persists.				
Inhalation: Remove victim to fresh air. Support breathing as needed. Seek medical attention. Ingestion: Wash out mouth with water if victim is conscious. Call a physician or poison control center if large quantities are ingested.				
<b>Section VII - Precautions for Safe Handling and Use</b>				
Steps to Be Taken in Case Material Is Released or Spilled Sweep or vacuum powder and place in a well marked container for disposal. Avoid raising dust. Ventilate area and wash spill site.				
Waste Disposal Method Dispose of in accordance with local, state or federal regulations.				
Precautions to Be Taken in Handling and Storing Store in a cool dry place, not exceeding 30°C. Keep lid tightly closed. Protect from air, light and moisture.				
Other Precautions READ AND FOLLOW ALL LABEL DIRECTIONS.				
<b>Section VIII - Control Measures</b>				
Respiratory Precaution ( <i>Specify Type</i> ) Avoid raising dust. A respirator is not needed under normal and intended conditions of product use.				
Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical ( <i>General</i> )	Yes	Other	Use with adequate ventilation
Protective Gloves	If desired, chemical-resistant gloves		Eye Protection	Safety goggles/glasses.
Other Protective Clothing or Equipment Safety shower and eye bath.				
Work/Hygienic Practices Normal accepted practices which minimize contact with eyes, mouth, nose, and skin. Wash thoroughly after handling.				
<b>OTHER</b>				
STORAGE REQUIREMENT: Keep tightly closed. Protect from air, light and moisture. Store in a cool, dry place, not exceeding 30°C (86°F).				
ANIMAL TOXICITY: LD50 6700mg/kg-Oral-Rat; LD50 6257mg/kg-Oral-Mouse				

The information contained herein is considered to be correct as of the date of this data sheet but does not purport to be all inclusive and shall be used only as a guide.

No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

Bimeda, Inc. assumes no responsibility for damages caused by the use, storage or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage, or disposal of the product.