

# Material Safety Data Sheet

## EMERGENCY

FOR CHEMICAL EMERGENCY: SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL  
CHEMTREC - DAY or NIGHT - (800) 424-9300

Product Name: **Algimycin PWF**

## SECTION I - GENERAL INFORMATION

Manufacturer's Name: Applied Biochemists  
A division of Advantis Technologies, Inc.  
W175 N11163 Stonewood Dr., Suite 234  
Germantown, WI 53022  
(262) 255-4449

Chemical Name & Synonyms: N/A  
Generic Description: Copper Algaecide  
Formula: Proprietary  
D.O.T. Proper Shipping Name: Not Regulated  
D.O.T. Hazard Class: Not Regulated  
U.N. or N.A. Identification No.: None Assigned  
Emergency Response Guide No.: None Assigned  
Hazardous Mat'ls ID System (HMIS): Health - 2 Flammability - 0 Reactivity - 1 Personal Protection - B  
Nat'l Fire Protection Assn. (NFPA 704M): Health - 2 Flammability - 0 Reactivity - 1 Specific Hazard - None

## SECTION II - HAZARDOUS INGREDIENTS

Hazardous Component(s)	CAS#	PEL	TLV
Citric Acid	77-92-9	None	None
Copper Sulfate Pentahydrate	7758-99-8	1 mg/m <sup>3</sup> *	1 mg/m <sup>3</sup> *
Sodium Gluconate F.C.C. *as copper dusts and mists (CAS# 7440-50-8)	527-07-01	None	None

Ingredients listed in this section have been determined to be hazardous as defined in 29CFR1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available as provided in 29CFR1910.1200 (i) (1).

## SECTION III - PHYSICAL DATA

Boiling Point: Not determined Specific Gravity (water = 1): 1.2 @ 27°C  
Vapor Pressure: Not determined % Volatile (by volume): Not determined  
Vapor Density (air = 1): >1 Evaporation Rate: Not determined  
Melting Point: Not determined pH: 1.8  
Solubility in Water: Complete  
Appearance & Odor: Blue viscous liquid, slight odor

## SECTION IV - FIRE & EXPLOSION DATA

Flash Point: Not Determined Method: Not applicable  
Extinguishing Media: Water fog, carbon dioxide, or dry chemical.  
Special Fire Fighting Procedures: Use personal protective equipment including an approved self-contained breathing apparatus.  
Unusual Fire & Explosion Hazards: Combustion products are toxic.

## SECTION V - REACTIVITY DATA

Stability -  Unstable  Stable  
Conditions to Avoid: None known.  
Incompatibility (Materials to Avoid): Bases and oxidizing agents.  
Hazardous Decomposition Products: Oxides of carbon and sulfur compounds.  
Hazardous Polymerization:  Will Occur  Will Not Occur

## Algimycin PWF

### SECTION VI - HEALTH HAZARD DATA

Acute Health Hazards:	May be irritating to skin and eyes.
Chronic Health Hazards:	None known.
Signs & Symptoms of Exposure:	Stinging, tearing, and redness of the eyes. Redness and burning sensation of the skin. Gastrointestinal irritation such as nausea, vomiting, and diarrhea.
Medical Conditions Generally Aggravated by Exposure:	None known.
Emergency & First Aid Procedures:	See appropriate emergency procedures below for principle route of entry. Never give anything by mouth to an unconscious person.
Route of Entry:	Inhalation: Remove to fresh air.
	Eyes: Flush with large amounts of water for at least 15 minutes. Get immediate medical attention.
	Skin: Wash the area with large amounts of water for at least 15 minutes.
	Ingestion: Seek medical attention immediately.

### SECTION VII - SPILL OR LEAK PROCEDURES

Personal Precautions:	Wear personal protective equipment appropriate for the situation.
Methods for Cleaning Up:	Contain spill. Soak up with ground corn cob. Avoid rinsing into sewer. Place in a suitable container for disposal.
Waste Disposal Methods:	Dispose of in accordance with methods approved by local, state and federal regulations.

### SECTION VIII - SPECIAL PROTECTION AND CONTROL MEASURES

Respiratory Protection:	Not normally required. If needed, use NIOSH approved respirator.
Ventilation:	Not normally required
Gloves:	Rubber or plastic
Eye Protection:	Splash goggles
Other Protective Equipment:	Shower and eyewash
Work or Hygienic Practices:	Use safe chemical handling procedures suitable for the hazards presented by this material.

### SECTION IX - SPECIAL PRECAUTIONS

Handling and Storage:	Store in a cool, dry place.
Other:	<b>The maximum usage level of this product in potable waters is 9.2 mg/L.</b> Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

#### KEEP OUT OF REACH OF CHILDREN

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.