

MATERIAL SAFETY DATA SHEET

AB Algimycin PWF

1. Product And Company Identification			
Supplier Applied Biochemists (WI) A division of Advantis Technologies, Inc. W175 N11163 Stonewood Drive, Suite 234 Germantown, WI 53022 Telephone Number: (262) 255-4449 FAX Number: (262) 255-4268 Web Site: www.appliedbiochemists.com		Manufacturer Advantis Technologies, Inc. 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com	
Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300		Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300	
Issue Date: 01/12/2007 Product Name: AB Algimycin PWF CAS Number: Not Established Chemical Family: Copper Algaecide Chemical Formula: Proprietary MSDS Number: 370			
2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
CITRICACID	77-92-9		
COPPERSULFATEPENTAHYDRATE	7758-99-8		
SODIUMGLUCONATE	527-07-1		
Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. 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 in 29CFR 1910.1200(i)(1).			
3. Hazards Identification			
Eye Hazards May be irritating to eyes. May cause stinging, tearing, and redness of eyes.			
Skin Hazards May be irritating to skin. May cause redness and a burning sensation to skin.			
Ingestion Hazards May cause gastrointestinal irritation such as nausea, vomiting, and diarrhea.			
Inhalation Hazards None known.			
Conditions Aggravated By Exposure None known.			

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First Aid (Pictograms)



4. First Aid Measures

Eye

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. Never give anything by mouth to an unconscious victim.

Inhalation

Remove to fresh air.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: ND °F

Flash Point Method: NA

Fire And Explosion Hazards

Combustion products are toxic.

Extinguishing Media

Water fog, carbon dioxide, or dry chemical.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Contain and/or absorb spill with ground corn cob. Avoid rinsing into the sewer. Place in a container suitable for disposal. Wear personal protective equipment appropriate for the situation.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions

The maximum usage level of this product in potable waters is 9.2 mg/L. Keep out of reach of children. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Storage Precautions

Store in a cool dry place.

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Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Local exhaust acceptable. Special exhaust not required

Eye/Face Protection

Chemical splash goggles.

Skin Protection

Chemical-resistant gloves made of rubber or plastic.

Respiratory Protection

None normally required. If needed, use NIOSH approved respirator.

Other/General Protection

Use safe chemical handling procedures suitable for the hazards presented by this material. Other protective equipment should include a safety shower and eyewash station.

9. Physical And Chemical Properties

Appearance

Blue liquid

Odor

slight

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: Not Determined °F

Specific Gravity: 1.2 @ 27C

Percent Volitales: Not determined

Vapor Pressure: Not Determined

Vapor Density: >1 (air=1)

pH Factor: 1.7-1.9

Solubility: complete

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will Not Occur

Conditions To Avoid (Stability)

None known

Incompatible Materials

Bases and oxidizing agents

Hazardous Decomposition Products

Oxides of carbon and sulfur compounds

11. Toxicological Information

Acute Studies

None available.

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12. Ecological Information

Acute Toxicity - Fish And Invertebrates

Rainbow Trout - 96 Hour LC50 = 1.7 mg/L

Daphnia Magna - 48 Hour LC50 = 14.61 ug/L

Lepomis macrochirus - 96 Hour LC50 = >38.91 mg Cu/L (Maximum label application rate: 1 mg Cu/L as Algimycin PWF)

Acute And Dietary Toxicity - Birds

Northern Bobwhite - Acute Oral LD50 (single dose) = 2236 mg/kg

Mallard - Dietary LC50 = >5620 ppm

Northern Bobwhite - Dietary LC50 = >5620 ppm

13. Disposal Considerations

Avoid/prevent release to the environment. Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name

Not Regulated

Hazard Class

Not Regulated

DOT Identification Number

NONE

15. Regulatory Information

No Data Available...

NFPA



HMIS

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW

Disclaimer

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Applied Biochemists (WI)