



MATERIAL SAFETY DATA SHEET

GLB Algimycin 1000

1. Product And Company Identification	
Supplier GLB 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770)521-5999 FAX Number: (770)521-5959 Web Site: www.poolspacare.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: 02/14/2005 Product Name: Algimycin 1000 Chemical Name: Copper Alkanolamine Complex Chemical Family: Copper and Nitrogen Compounds Chemical Formula: Proprietary Mixture MSDS Number: 232	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
COPPERCARBONATE	12069-69-1		
DIMETHYLBENZYL AMMONIUM CHLORIDE	68424-85-1		
ETHYL ALCOHOL	64-17-5		
MONOETHANOLAMINE	141-43-5		
TRIETHANOLAMINE	102-71-6		
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).			

Hazards Identification (Pictograms)
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3. Hazards Identification Primary Routes(s) Of Entry Skin Contact, Eye Contact, Inhalation Eye Hazards Causes severe eye burns. Skin Hazards Corrosive to living tissue.
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3. Hazards Identification - Continued

Ingestion Hazards

Harmful if swallowed.

Inhalation Hazards

Causes respiratory tract irritation.

Signs And Symptoms

Irritation of Eyes, Skin, and Respiratory Passages

Conditions Aggravated By Exposure

None Known

First Aid (Pictograms)



4. First Aid Measures

Eye

Remove the victim from the source of contamination or exposure to nearest eyewash or other source of clean water. In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes.

Skin

Rinse the affected area with tepid water for at least 15 minutes.

Ingestion

Call a physician or a poison control center immediately. If victim is fully conscious, give one or two cups of water or milk to drink. If swallowed, do not induce vomiting unless directed to do so by medical personnel.

Inhalation

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Evaluate Principal Route of Entry, Seek appropriate medical attention. Never give anything by mouth to an unconscious person.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: N/A °F

Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire. Combustion products are toxic.

6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Avoid release to the environment. May flush small amount to sewer.

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Wash thoroughly after handling.

Handling Precautions

Avoid contact with eyes. Wash hands before eating, drinking, or smoking. Avoid contact with skin and clothing.

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7. Handling And Storage - Continued

Storage Precautions

Store in a cool dry place. Keep out of reach of children.

Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Local exhaust acceptable. Special exhaust not required

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

General room ventilation is normally adequate.

Ingredient(s) - Exposure Limits

ETHYL ALCOHOL
ACGIH TLV-TWA 1000 ppm
OSHA PEL-TWA 1000 ppm
TRIETHANOLAMINE
ACGIH TLV-TWA 5 mg/m3

9. Physical And Chemical Properties

Appearance

Blue viscous liquid

Odor

slight

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F

Specific Gravity: 1.2

Percent Volitales: Nil

Vapor Pressure: Not established

Vapor Density: >1

pH Factor: 6-8

Solubility: soluble

Evaporation Rate: <1

10. Stability And Reactivity


Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

Contact with Clay

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10. Stability And Reactivity - Continued									
Incompatible Materials Strong Acids									
Hazardous Decomposition Products Hydrogen chloride fumes, oxides of Carbon and Nitrogen									
11. Toxicological Information No Data Available...									
12. Ecological Information No Data Available...									
13. Disposal Considerations Refer to applicable local, state and federal regulations as well as industry standards.									
14. Transport Information									
Proper Shipping Name CORROSIVE LIQUIDS, N.O.S. (Copper Triethanolamine Complex)									
Hazard Class 8,PGIII (<4L Consumer Commodity ORM-D)									
DOT Identification Number UN1760									
15. Regulatory Information									
Ingredient(s) - State Regulations									
<p>ETHYL ALCOHOL New Jersey - Workplace Hazard New Jersey - Special Hazard Pennsylvania - Workplace Hazard California - Proposition 65 Massachusetts - Hazardous Substance New York City - Hazardous Substance</p> <p>TRIETHANOLAMINE Pennsylvania - Workplace Hazard Massachusetts - Hazardous Substance</p>									
<p>NFPA</p> 	<p>HMIS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00b0f0; color: white;">HEALTH</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ffff00; color: black;">REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">B</td> </tr> </table>	HEALTH	2	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	B
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16. Other Information									
Revision/Preparer Information MSDS Preparer: JHW3 This MSDS Superceeds A Previous MSDS Dated: 04/18/2001									

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Disclaimer

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GLB