



# MATERIAL SAFETY DATA SHEET

## GLB Algimycin 1000



<b>1. Product And Company Identification</b>	
<b>Supplier</b> 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	<b>Manufacturer</b> 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
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> 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	

<b>2. Composition/Information On Ingredients</b>			
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).			

<b>Hazards Identification (Pictograms)</b> 
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<b>3. Hazards Identification</b> <b>Primary Routes(s) Of Entry</b> Skin Contact, Eye Contact, Inhalation <b>Eye Hazards</b> Causes severe eye burns. <b>Skin Hazards</b> Corrosive to living tissue.
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<p><b>3. Hazards Identification - Continued</b></p> <p><b><u>Ingestion Hazards</u></b> Harmful if swallowed.</p> <p><b><u>Inhalation Hazards</u></b> Causes respiratory tract irritation.</p> <p><b><u>Signs And Symptoms</u></b> Irritation of Eyes, Skin, and Respiratory Passages</p> <p><b><u>Conditions Aggravated By Exposure</u></b> None Known</p>
<p><b><u>First Aid (Pictograms)</u></b></p> 
<p><b>4. First Aid Measures</b></p> <p><b><u>Eye</u></b> 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.</p> <p><b><u>Skin</u></b> Rinse the affected area with tepid water for at least 15 minutes.</p> <p><b><u>Ingestion</u></b> 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.</p> <p><b><u>Inhalation</u></b> 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.</p>
<p><b><u>Fire Fighting (Pictograms)</u></b></p> 
<p><b>5. Fire Fighting Measures</b></p> <p><b>Flash Point:</b> N/A °F</p> <p><b><u>Extinguishing Media</u></b> Use the appropriate extinguishing media for the surrounding fire. Combustion products are toxic.</p>
<p><b>6. Accidental Release Measures</b></p> <p>Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Avoid release to the environment. May flush small amount to sewer.</p>
<p><b>7. Handling And Storage</b></p> <p><b><u>Handling And Storage Precautions</u></b> Keep out of reach of children. Wash thoroughly after handling.</p> <p><b><u>Handling Precautions</u></b> Avoid contact with eyes. Wash hands before eating, drinking, or smoking. Avoid contact with skin and clothing.</p>

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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

ETHYL ALCOHOL

New Jersey - Workplace Hazard

New Jersey - Special Hazard

Pennsylvania - Workplace Hazard

California - Proposition 65

Massachusetts - Hazardous Substance

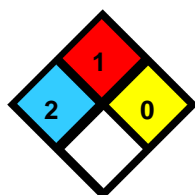
New York City - Hazardous Substance

TRIETHANOLAMINE

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

#### NFPA



#### HMIS

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	B

### 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**