



MATERIAL SAFETY DATA SHEET

GLB Algimycin 1000

1. Product And Company Identification	
<u>Supplier</u> 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	<u>Manufacturer</u> Advantis Technologies 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com
<u>Supplier Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911	<u>Manufacturer Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911
Issue Date: 04/03/2009 Product Name: GLB 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
	COPPER CARBONATE	12069-69-1		
	DIMETHYL BENZYL 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).				

EMERGENCY OVERVIEW
Keep out of reach of children. Danger. Corrosive.

Hazards Identification (Pictograms)
 CORROSIVE

3. Hazards Identification
<u>Primary Routes(s) Of Entry</u> Skin Contact, Eye Contact, Inhalation

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3. Hazards Identification - Continued

Eye Hazards

Causes irreversible eye damage.

Skin Hazards

Causes skin burns. Harmful if absorbed through the skin.

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

Hold eyelids open and rinse slowly with water for 15-20 minutes. Remove contact lenses if present after 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

Skin

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion

Call a poison control center immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation

Move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Note To Physician

Probable mucosal damage may contraindicate the use of gastric lavage.

Have product container with you when calling a poison control center or doctor, or when going for treatment. IN CASE OF EMERGENCY CALL: 1-800-654-6911.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: N/A °F

Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

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5. Fire Fighting Measures - Continued

Extinguishing Media - Continued

Combustion products are toxic.

6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Do not use clay to absorb spill. Avoid release to the environment.

7. Handling And Storage

Handling And Storage Precautions

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

Handling Precautions

Open in a well ventilated area. Avoid breathing fumes. Do not get in eyes, on skin, or clothing. Wear goggles and rubber gloves. For additional protection of skin, wear long sleeves and pants. Wash hands after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

Storage Precautions

Nonrefillable container - household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.]

Nonrefillable container - single-use, non-resealable package}

[Keep this product dry in its tightly closed container. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse and discard empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.]

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7. Handling And Storage - Continued

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

Specific Gravity: 1.049 g/ml

Vapor Pressure: Not established

Vapor Density: >1

pH Factor: 9.5-9.7

Solubility: soluble

Viscosity: 34.474 centistokes at 20C

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

Contact with Clay

Incompatible Materials

Strong Acids and oxidizers.

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10. Stability And Reactivity - Continued

Hazardous Decomposition Products

Hydrogen chloride fumes, oxides of Carbon and Nitrogen

11. Toxicological Information

Skin Effects

Black Algaetrine is not considered to be a skin sensitizer.

Black Algaetrine is considered to be corrosive to the skin.

Acute Dermal LD50 (Rat) = 1872 mg/kg

Acute Oral Effects

Acute Oral LD50 (Rat) = 1,030 mg/kg

12. Ecological Information

Ecotoxicological Information

This product is toxic to fish and aquatic organisms.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. for guidance contact your State Water Board or Regional Office of the EPA.

13. Disposal Considerations

Refer to applicable local, state and federal regulations as well as industry standards.

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13. Disposal Considerations - Continued

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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

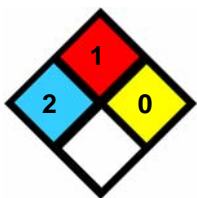
New York City - Hazardous Substance

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