#### MATERIAL SAFETY DATA SHEET

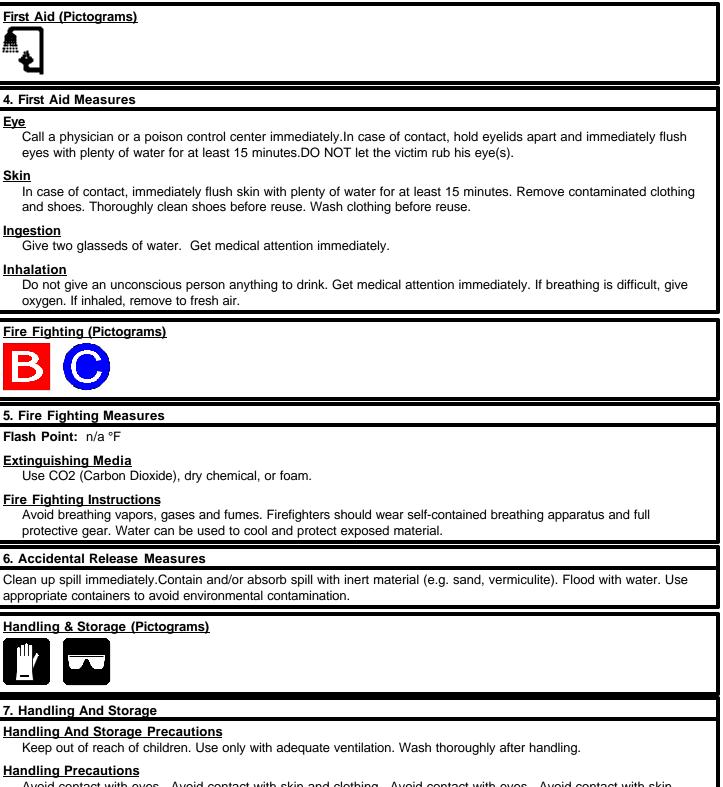


#### **Applied Biochemists Swimtrine Plus**

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1. Product And Company Identification				
Supplier Applied Biochemists 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: 10/21/2004 Product Name: Applied Biochemists Swimtrine Plus Chemical Name: Copper and Nitrogen compounds Chemical Family: Copper Alkanolamine Complex Chemical Formula: Proprietary Mixture MSDS Number: 269				
2. Composition/Information On Ingredients				
Ingredient Name		CAS Number	Percent Of Total Weight	
COPPERCARBONATE		12069-69-1	. otal morgini	
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).				
3. Hazards Identification				
Primary Routes(s) Of Entry Eye Contact, Skin Contact				
Eye Hazards Corrosive to eyes.				
Skin Hazards Causes skin irritation.				
Ingestion Hazards If ingested, get immediate medical attention				
Inhalation Hazards May cause coughing and discomfort to eyes nose and throat, and chest.				
Signs And Symptoms Contact with skin and eyes may be irritating.				

#### **Applied Biochemists Swimtrine Plus**



Avoid contact with eyes. Avoid contact with skin and clothing. Avoid contact with eyes. Avoid contact with skin and clothing. Avoid contact with strong acids and nitrates

#### Storage Precautions

Keep out of reach of children.

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## **Applied Biochemists Swimtrine Plus**

7. Handling And Storage - Continued
Work/Hygienic Practices Wash thoroughly with soap and water after handling. Use safe chemical handling procedures suitable for the hazards presended by this material.
8. Exposure Controls/Personal Protection
Engineering Controls Local exhaust recommended.
Eye/Face Protection Safety glasses with side shields or goggles.
Skin Protection Chemical-resistant gloves.
Respiratory Protection None normally required.
9. Physical And Chemical Properties
Appearance Blue viscous liquid
Odor Slight
Chemical Type: Mixture Physical State: Liquid Melting Point: N/A °F Boiling Point: 212 °F Specific Gravity: 1.0-1.2 Percent Volitales: NOT DETERMINED Vapor Pressure: NOT DETERMINED Solubility: Complete Evaporation Rate: <1
10. Stability And Reactivity
Stability: Stable Hazardous Polymerization: Will not occur Conditions To Avoid (Stability)
Excessive heat. Thermal decomposition may occur.  Incompatible Materials Acids and Nitrites
Hazardous Decomposition Products Oxides of Nitrogen and Carbon and Hydrogen Chloride
11. Toxicological Information
No Data Available
12. Ecological Information
No Data Available
13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations.

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## **Applied Biochemists Swimtrine Plus**

14. Transport Information		
Proper Shipping Name CORROSIVE LIQUIDS, NOS(Copper Triethanolamine Complex)		
<u>Hazard Class</u> 8,PG III (<4L ORM-D)		
DOT Identification Number UN1760		
DOT (Pictograms)		
15. Regulatory Information		
No Data Available		
NFPA HMIS HEALTH 2 FLAMMABILITY 0 REACTIVITY 1 PERSONAL PROTECTION B		
16. Other Information		
<u>Revision/Preparer Information</u> MSDS Preparer: JHW3 MSDS Preparer Phone Number: 770-521-5999 This MSDS Superceeds A Previous MSDS Dated: 04/18/2001		
Disclaimer		
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