



Applied Biochemists Swimtrine Plus

1. Product And Company Identification			
<u>Supplier</u> 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	<u>Manufacturer</u> 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		
<u>Supplier Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300	<u>Manufacturer Emergency Contacts & Phone Number</u> 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	
	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			
<u>Primary Routes(s) Of Entry</u> Eye Contact, Skin Contact <u>Eye Hazards</u> Corrosive to eyes. <u>Skin Hazards</u> Causes skin irritation. <u>Ingestion Hazards</u> If ingested, get immediate medical attention <u>Inhalation Hazards</u> May cause coughing and discomfort to eyes nose and throat, and chest. <u>Signs And Symptoms</u> Contact with skin and eyes may be irritating.			

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First Aid (Pictograms)



4. First Aid Measures

Eye

Call a physician or a poison control center immediately. In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. DO NOT let the victim rub his eye(s).

Skin

In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Thoroughly clean shoes before reuse. Wash clothing before reuse.

Ingestion

Give two glasseds of water. Get medical attention immediately.

Inhalation

Do not give an unconscious person anything to drink. Get medical attention immediately. If breathing is difficult, give oxygen. If inhaled, remove to fresh air.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: n/a °F

Extinguishing Media

Use CO₂ (Carbon Dioxide), dry chemical, or foam.

Fire Fighting Instructions

Avoid breathing vapors, gases and fumes. Firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material.

6. Accidental Release Measures

Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Flood with water. Use appropriate containers to avoid environmental contamination.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Use only with adequate ventilation. Wash thoroughly after handling.

Handling Precautions

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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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 presented 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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14. Transport Information									
<p>Proper Shipping Name CORROSIVE LIQUIDS, NOS(Copper Triethanolamine Complex)</p> <p>Hazard Class 8,PG III (<4L ORM-D)</p> <p>DOT Identification Number UN1760</p>									
<p>DOT (Pictograms)</p> <div style="text-align: center;">  </div>									
15. Regulatory Information									
No Data Available...									
<p>NFPA</p> <div style="text-align: center;">  </div>	<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;">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									
<p>Revision/Preparer Information MSDS Preparer: JHW3 MSDS Preparer Phone Number: 770-521-5999 This MSDS Superceeds A Previous MSDS Dated: 04/18/2001</p>									
Disclaimer									
<p>Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).</p> <p>Applied Biochemists</p>									