



Applied Biochemists Swimtrine 7.4

<b>1. Product And Company Identification</b>	
<b>Supplier</b> 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	<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: 01/08/2004  Product Name: Applied Biochemists Swimtrine 7.4 Chemical Name: Copper Alkanolamine Complex Chemical Family: Copper and Nitrogen compounds Chemical Formula: Proprietary Mixture MSDS Number: 60	

<b>2. Composition/Information On Ingredients</b>			
Ingredient Name	CAS Number		Percent Of Total Weight
CITRICACID	77-92-9		
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).			

<b>3. Hazards Identification</b>
<b>Primary Routes(s) Of Entry</b> Skin contact, eye contact, inhalation.
<b>Eye Hazards</b> Causes eye irritation.
<b>Skin Hazards</b> Causes skin irritation.
<b>Ingestion Hazards</b> Harmful if swallowed.
<b>Inhalation Hazards</b> Causes respiratory tract irritation.
<b>Signs And Symptoms</b> Contact with skin and eyes may be irritating. Vapors or mist may cause irritation with pain, coughing and discomfort

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### 3. Hazards Identification - Continued

#### Signs And Symptoms - Continued

to eyes, nose, throat, and chest.

#### Conditions Aggravated By Exposure

None known.

### First Aid (Pictograms)



### 4. First Aid Measures

#### Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Call a physician or a poison control center immediately.

#### Skin

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

#### Ingestion

Call a physician or a poison control center immediately.

#### Inhalation

If inhaled, remove to fresh air.

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

**Flammability Class:** NOT FLAMMABLE

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Flood with water.

### 7. Handling And Storage

#### Handling And Storage Precautions

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

#### Handling Precautions

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

#### Storage Precautions

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

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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

COPPER CARBONATE

Copper (as dust or mist) OSHA PEL 1 mg/m<sup>3</sup>

TRIETHANOLAMINE

ACGIH TLV-TWA 5 mg/m<sup>3</sup>

### 9. Physical And Chemical Properties

#### Appearance

Blue viscous liquid.

#### Odor

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** N/A °F

**Boiling Point:** 212 °F

**Specific Gravity:** 1.2

**Percent Volitales:** Not established

**Vapor Pressure:** NOT DETERMINED

**Vapor Density:** >1

**Solubility:** Soluble in water

**Viscosity:** Not established

**Evaporation Rate:** <1

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

#### Conditions To Avoid (Stability)

Thermal decomposition may cause oxides of carbon and nitrogen avoid strong acids and nitrites.

### 11. Toxicological Information

No Data Available...

# MATERIAL SAFETY DATA SHEET

## Applied Biochemists Swimtrine 7.4

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Incinerate in a furnace or flush small amount into sewer system <5 gallons. 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

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: JHW

This MSDS Supercedes A Previous MSDS Dated: 07/26/2000

#### Disclaimer

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