



# MATERIAL SAFETY DATA SHEET

## GLB Strike Out

<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: 05/10/2007 Product Name: GLB Strike Out Chemical Name: Copper and Nitrogen compounds CAS Number: Not Established Chemical Family: Copper Alkanolamine Complex Chemical Formula: Proprietary Mixture MSDS Number: 383			
<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> Eye Contact, Skin Contact			
<b>Eye Hazards</b> Corrosive to eyes.			
<b>Skin Hazards</b> Causes skin irritation.			
<b>Ingestion Hazards</b> If ingested, get immediate medical attention			
<b>Inhalation Hazards</b> May cause coughing and discomfort to eyes nose and throat, and chest.			

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### 3. Hazards Identification - Continued

#### Signs And Symptoms

Contact with skin and eyes may be irritating.

#### 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.

### 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.

#### Ingredient(s) - Exposure Limits

MONOETHANOLAMINE

6 ppm STEL-ACGIH

3ppm TWA-OSHA

6 ppm STEL-OSHA

3 ppm TWA-ACGIH

TRIETHANOLAMINE

5 mg/m3 TWA-ACGIH

### 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: 1.190-1.210

Percent Volatiles: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

pH Factor: 9.7-10.3

Solubility: Soluble in Water

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

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### 11. Toxicological Information

#### Ingredient(s) - Toxicological Data

##### MONOETHANOLAMINE

Oral: LD50 Believed to be >1.00 - 2.00 g/kg (rat) moderately toxic

Inhalation: Not determined

Dermal: LD50 >1.00 g/kg (rabbitt) slightly toxic

IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES)

Skin: (Draize) Believed to be >6.50 - 8.00/8.0 (rabbitt) corrosive

Eyes:(Draize) Believed to be >80.00 - 110.00/110 (rabbitt) extrememly irritating

Sensitization: Not determined

##### TRIETHANOLAMINE

Oral: LD50 Believed to be >2.00 - 5.00 g/kg (rat) slightly toxic

Inhalation: Not Determined

Dermal: LD50 >10.00 g/kg (rabbitt) practically non-toxic

IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES)

Skin: (Draize) Believed to be >0.50 - 3.00 / 8.0 (rabbitt) slightly irritating

Eyes: (Draize) Believed to be 15.00 - 25.00 / 110 (rabbitt) Slightly irritating

Sensitization: (Buehler) Negative - skin (guinea pig)

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

### 14. Transport Information

#### Proper Shipping Name

CORROSIVE LIQUIDS, NOS(Copper Triethanolamine Complex)

#### Hazard Class

8,PG III (<4L ORM-D)

#### DOT Identification Number

UN1760

#### DOT (Pictograms)



### 15. Regulatory Information

#### Ingredient(s) - U.S. Regulatory Information

##### COPPER CARBONATE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

#### Ingredient(s) - Canadian Regulatory Information

##### COPPER CARBONATE


WHMIS - Ingredient Disclosure List

##### MONOETHANOLAMINE

WHMIS - Ingredient Disclosure List

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NFPA	HMIS
	HEALTH <input type="text" value="2"/>
	FLAMMABILITY <input type="text" value="0"/>
	REACTIVITY <input type="text" value="1"/>
	PERSONAL PROTECTION <input type="text" value="B"/>

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

MSDS Preparer Phone Number: 770-521-5999

This MSDS Supercedes A Previous MSDS Dated: 05/10/2007

#### Disclaimer

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GLB

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