



MATERIAL SAFETY DATA SHEET

GLB Strike Out

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: 03/19/2009 Product Name: GLB Strike Out Chemical Name: Copper and Nitrogen compounds Chemical Family: Copper Alkanolamine Complex Chemical Formula: Proprietary Mixture MSDS Number: 383	

2. Composition/Information On Ingredients			
	Ingredient Name	CAS Number	Percent Of Total Weight
	CITRIC ACID	77-92-9	
	COPPER CARBONATE	12069-69-1	
	MONOETHANOLAMINE	141-43-5	
	TRIETHANOLAMINE	102-71-6	
<p>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).</p>			

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.

GLB Strike Out

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 this product in its tightly closed container when not in use. Store in a cool dry well-ventilated area. Keep away from heat or open flame. Non-refillable 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. 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 Volitales: 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) extremely 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.

Keep this product in its tightly closed container when not in use. Store in a cool dry well-ventilated area. Keep away from heat or open flame. Non-refillable 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.

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

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15. Regulatory Information - Continued

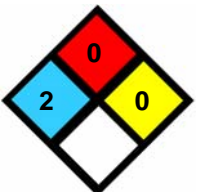
Ingredient(s) - Canadian Regulatory Information

COPPER CARBONATE

WHMIS - Ingredient Disclosure List

MONOETHANOLAMINE

WHMIS - Ingredient Disclosure List

NFPA	HMIS								
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HEALTH	2								
FLAMMABILITY	0								
REACTIVITY	1								
PERSONAL PROTECTION	B								

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW3

MSDS Preparer Phone Number: 770-521-5999

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

Disclaimer

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GLB