



MATERIAL SAFETY DATA SHEET

GLB Cell Saver

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: 05/20/2009 Product Name: GLB Cell Saver MSDS Number: 350	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
ALUMINUM CHLORIDE	7446-70-0		
GLYCINE, N- (2-BIS(CARBOXYMETHYL)AMINO)ETHYL)-N-2-HYDROXYETHYL)-, Trisodium Salt	139-89-9		
N,N-Bis(carboxymethyl)glycine; NTA; Triglycollamic Acid	5064-31-3		
SODIUM HYDROXIDE	1310-73-2		
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).			

Hazards Identification (Pictograms)



CORROSIVE

3. Hazards Identification <u>Primary Routes(s) Of Entry</u> Routes of entry for liquids include eye and skin contact, ingestion, and inhalation. <u>Eye Hazards</u> This product is corrosive to eyes. <u>Skin Hazards</u> May cause skin irritation. <u>Ingestion Hazards</u> Ingestion of large amounts may result in diarrhea and weakness. May cause irritation of the gastrointestinal tract. <u>Inhalation Hazards</u> May cause respiratory tract irritation.
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3. Hazards Identification - Continued

Chronic/Carcinogenicity Effects

This product may contain small quantities of nitrilotriacetic acid, which was found to be carcinogenic to rats and mice in a National Cancer Institute (NCI) feeding study, including tumors of the urinary tract and kidneys. NTA was also a carcinogenic to rats when administered in drinking water. It is also included in the NTP Annual Report on Carcinogens. IARC has classified NTA and its salts in Group 2B.

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. Get medical attention immediately if irritation develops and persists.

Skin

Wash affected areas with soap and water. Remove contaminated clothing and shoes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

Ingestion

Call a poison control center immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation

If inhaled, remove to fresh air. Call a physician or a poison control center immediately.

Note To Physician

Aluminum soluble salts may cause gastroenteritis if ingested. Treatment includes the use of demulcents. Have product container with you when calling a poison control center or doctor, or when going for treatment. IN CASE OF EMERGENCY CALL: 1-800-654-6911.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: ND °F

Fire And Explosion Hazards

May produce hazardous fumes or hazardous decomposition products.

Extinguishing Media

Dry chemical, foam, carbon dioxide, or water.

Fire Fighting Instructions

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

6. Accidental Release Measures

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

GLB Cell Saver

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place. Keep containers tightly closed. Do not store or ship in containers of brass, zinc, or aluminum. This product is corrosive to same.

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

Chemical splash goggles.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

If vapors or mists are generated use NIOSH/MSHA approved organic dust and mist respirator.

9. Physical And Chemical Properties

Appearance

Amber Liquid

Odor

None

Chemical Type: Mixture

Physical State: Liquid

Specific Gravity: 1.24-1.26

Molecular Weight: Not Determined

Percent VOCs: Not Determined

pH Factor: 8.5-9.0

Solubility: Soluble in Water

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Does not occur

Incompatible Materials

Oxidizing materials, aluminum

Hazardous Decomposition Products

Thermal decomposition may release toxic and/or hazardous gases such as Cl₂ and HCl.

11. Toxicological Information

Acute Studies

No information available.

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12. Ecological Information

Ecotoxicological Information

No information available.

13. Disposal Considerations

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

14. Transport Information

Proper Shipping Name

CORROSIVE LIQUIDS, N.O.S. (Aluminum Chloride and Sodium Hydroxide)

Hazard Class

8, PGIII (<= 4L Consumer Commodity ORM-D)

DOT Identification Number

UN1760

DOT (Pictograms)



15. Regulatory Information

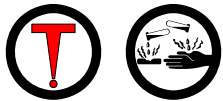
Canadian Regulatory Information

Class D, Div 2a - Poisonous or Infectious Material: other toxic effects

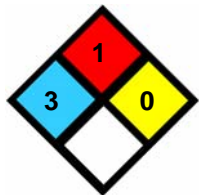
Class D, Div 2b - Poisonous or Infectious Material: other toxic effects

Class E - Corrosive Material

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW/NPB

Disclaimer

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GLB