



# MATERIAL SAFETY DATA SHEET

## GLB Cell Saver

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| <b>1. Product And Company Identification</b>   |  |
| <b>Supplier</b><br><b>GLB</b><br><b>1400 Bluegrass Lakes Parkway</b><br><b>Alpharetta, GA 30004 United States</b><br>Telephone Number: (770)521-5999<br>FAX Number: (770)521-5959<br>Web Site: www.poolspacare.com | <b>Manufacturer</b><br><b>Advantis Technologies, Inc.</b><br><b>1400 Bluegrass Lakes Parkway</b><br><b>Alpharetta, GA 30004 United States</b><br>Telephone Number: (770) 521-5999<br>FAX Number: (770) 521-5959<br>Web Site: www.poolspacare.com |
| <b>Supplier Emergency Contacts &amp; Phone Number</b><br><b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>  | <b>Manufacturer Emergency Contacts &amp; Phone Number</b><br><b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>  |
| Issue Date: 08/15/2006<br>Product Name: GLB Cell Saver<br>CAS Number: Not Established<br>MSDS Number: 350  |  |

| <b>2. Composition/Information On Ingredients</b>   |            |  |                         |
|--|------------|--|-------------------------|
| Ingredient Name  | CAS Number |  | Percent Of Total Weight |
| ALUMINUMCHLORIDE   | 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  |  |                         |
| SODIUMHYDROXIDE  | 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). |            |  |                         |

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| <b>Hazards Identification (Pictograms)</b><br> |
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| <b>3. Hazards Identification</b><br><b>Primary Routes(s) Of Entry</b><br>Routes of entry for liquids include eye and skin contact, ingestion, and inhalation.<br><b>Eye Hazards</b><br>This product is corrosive to eyes.<br><b>Skin Hazards</b><br>May cause skin irritation.<br><b>Ingestion Hazards</b><br>Ingestion of large amounts may result in diarrhea and weakness. May cause irritation of the gastrointestinal tract. |
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# MATERIAL SAFETY DATA SHEET

## GLB Cell Saver

### 3. Hazards Identification - Continued

#### Inhalation Hazards

May cause respiratory tract irritation.

#### 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 physician or a poison control center immediately. If swallowed, induce vomiting immediately. Never give anything by mouth to an unconscious victim.

#### 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.

### 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.

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## 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 Cl<sub>2</sub> 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 Liquid, NOS, (Sodium hydroxide)

#### Hazard Class

8, PGIII

#### DOT Identification Number

UN1760

#### DOT (Pictograms)



### 15. Regulatory Information

No Data Available...

#### NFPA



#### HMIS

|                     |   |
|---------------------|---|
| HEALTH              | 3 |
| FLAMMABILITY        | 1 |
| REACTIVITY          | 0 |
| PERSONAL PROTECTION | B |

### 16. Other Information

No Data Available...

#### Disclaimer

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).

GLB

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