



# MATERIAL SAFETY DATA SHEET

## Control

|  |  |   |                         |
|--|--|---|-------------------------|
| <b>1. Product And Company Identification</b>   |  |   |                         |
| <b>Supplier</b><br>Advantis Technologies, Inc.<br>1400 Bluegrass Lakes Parkway<br>Alpharetta, GA 30004 United States<br><br>Telephone Number: (770) 521-5999<br>FAX Number: (770) 521-5959<br>Web Site: www.poolspacare.com  |  | <b>Manufacturer</b><br>Advantis Technologies, Inc.<br>1400 Bluegrass Lakes Parkway<br>Alpharetta, GA 30004 United States<br><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>CHEMTREC - DAY OR NIGHT: (800) 424-9300   |  | <b>Manufacturer Emergency Contacts &amp; Phone Number</b><br>CHEMTREC - DAY OR NIGHT: (800) 424-9300  |                         |
| <b>Issue Date:</b> 08/19/2005<br><br><b>Product Name:</b> Control<br><b>CAS Number:</b> Not Established<br><b>Chemical Family:</b> Sequestering agent<br><b>Chemical Formula:</b> Proprietary Mixture<br><b>MSDS Number:</b> 335   |  |   |                         |
| <b>2. Composition/Information On Ingredients</b>   |  |   |                         |
| Ingredient Name  |  | CAS Number  | Percent Of Total Weight |
| Polydimethyldiallylammonium Chloride   |  | 26062-79-3  |                         |
| Trisodium hydroxyethylene-diamine-triacetate   |  | 139-89-9  |                         |
| 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><br>Skin contact.   |  |   |                         |
| <b>Eye Hazards</b><br>May be irritating to eyes. Inflammation of the eye is characterized by redness, watering, and itching.   |  |   |                         |
| <b>Skin Hazards</b><br>May be hazardous in case of skin contact (irritant). Non-corrosive to skin. Skin inflammation is characterized by itching, scaling, reddening, or occasionally, blistering.   |  |   |                         |
| <b>Ingestion Hazards</b><br>Ingestion is not expected to be a primary route of exposure. If ingested, get immediate medical attention.   |  |   |                         |
| <b>Inhalation Hazards</b><br>May be harmful if inhaled. Effects will depend on concentration and length of time of exposure.   |  |   |                         |
| <b>Signs And Symptoms</b><br>Irritation of eyes and respiratory passages.  |  |   |                         |

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### 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.

#### Skin

In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

#### Ingestion

Drink large amounts of water or milk. **Do not induce vomiting.** Contact a physician or poison control.

#### Inhalation

If inhaled, remove to fresh air. Consult a physician. If breathing is difficult, give oxygen.

#### Note To Physician

May aggravate anemia. May decrease affinity of oxygen for hemoglobin.

### **5. Fire Fighting Measures**

**Flash Point:** n/a °F

#### Extinguishing Media

Use carbon dioxide, foam, nitrogen, or dry chemical.

#### 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.

### **7. Handling And Storage**

#### Handling Precautions

Rubber gloves, safety glasses or goggles, and protective clothing are recommended.

#### Storage Precautions

Store in a cool dry place. Store away from oxidizers and bases. Store in sealed containers. Keep out of reach of children.

#### Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

### Protective Clothing (Pictograms)



### **8. Exposure Controls/Personal Protection**

No Data Available...

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### 8. Exposure Controls/Personal Protection - Continued

#### Engineering Controls

Local exhaust acceptable. Special exhaust not required

#### Eye/Face Protection

Safety glasses with side shields or goggles.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

General room ventilation is normally adequate.

### 9. Physical And Chemical Properties

#### Appearance

Milky white liquid

#### Odor

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Specific Gravity:** 1.010

**Molecular Weight:** NOT DETERMINED

**Percent Volitales:** NOT DETERMINED

**Vapor Pressure:** NOT DETERMINED

**pH Factor:** 10.15

**Evaporation Rate:** NOT DETERMINED

Corrosive

### 10. Stability And Reactivity

**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR

#### Conditions To Avoid (Stability)

Avoid contact with strong acids and alkalis and contact with metal salts of sulfides and sulfites, strong oxidizers and amines.

#### Incompatible Materials

Avoid contact with strong acids and alkalis and contact with metal salts of sulfides and sulfites, strong oxidizers and amines.

#### Hazardous Decomposition Products

Acids and oxides of phosphorous may form. Oxides of carbon, nitrogen, and silicone may also be formed.

### 11. Toxicological Information

#### Conditions Aggravated By Overexposure

May aggravate anemia.

Not tested for toxilological information.

### 12. Ecological Information

Not tested for ecological information.

### 13. Disposal Considerations

Refer to applicable local, state and federal regulations as well as industry standards.

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### 14. Transport Information

**Proper Shipping Name**

Corrosive Liquid, Basic, N.O.S. (Ethylenediaminetriacetic Acid, Trisodium Salt Solution)

**Hazard Class**

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

**DOT Identification Number**

UN3267

**Additional Shipping Paper Description**

North American Emergency Response Guide No. 153

Not regulated by DOT for ground shipments [see exception for material corrosive to steel/aluminum 49CFR 173.154(d)].

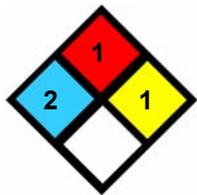
**DOT (Pictograms)**

### 15. Regulatory Information

**Canadian Regulatory Information**

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

Class E - Corrosive Material

**WHMIS - Canada (Pictograms)****NFPA****HMIS**

|                     |   |
|---------------------|---|
| HEALTH              | 2 |
| FLAMMABILITY        | 1 |
| REACTIVITY          | 1 |
| PERSONAL PROTECTION | D |

### 16. Other Information

**Revision/Preparer Information**

MSDS Preparer: JHW

**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).

Advantis Technologies, Inc.