



Leisure Time Control

| 1. Product And Company Identification | | | |
|---|------------|---|-------------------------|
| Supplier Leisure Time 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com | | Manufacturer 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 | |
| Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300 | | Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300 | |
| Issue Date: 02/11/2005 Product Name: Leisure Time Control Chemical Family: Sequestering agent Chemical Formula: Proprietary Mixture MSDS Number: 335 | | | |
| 2. Composition/Information On Ingredients | | | |
| Ingredient Name | CAS Number | | Percent Of Total Weight |
| 1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONICACID | 2809-21-4 | | |
| Polydimethyldiallylammonium Chloride | 26062-79-3 | | |
| Ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 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). | | | |
| 3. Hazards Identification | | | |
| Primary Routes(s) Of Entry Skin contact. | | | |
| Eye Hazards Corrosive to eyes. Inflammation of the eye is characterized by redness, watering, and itching. | | | |
| Skin Hazards Hazardous in case of skin contact (irritant). Non-corrosive to skin. Skin contact may produce burns. Skin inflammation is characterized by itching, scaling, reddening, or occasionally, blistering. | | | |
| Ingestion Hazards Ingestion is not expected to be a primary route of exposure. If ingested, get immediate medical attention. | | | |
| Inhalation Hazards May be harmful if inhaled. Effects will depend on concentration and length of time of exposure. | | | |
| Signs And Symptoms Irritation of eyes and respiratory passages. | | | |
| Conditions Aggravated By Exposure May aggravate anemia. May decrease affinity of hemoglobin for oxygen. | | | |

MATERIAL SAFETY DATA SHEET

Leisure Time Control

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.

Handling & Storage (Pictograms)**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.

MATERIAL SAFETY DATA SHEET**Leisure Time Control****Protective Clothing (Pictograms)****8. Exposure Controls/Personal Protection****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: 1.04

Molecular Weight: NOT DETERMINED

Percent Volitales: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

pH Factor: 1.6

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 toxicological information.

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12. Ecological Information

Not tested for ecological information.

13. Disposal Considerations

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

14. Transport Information

Proper Shipping Name

CORROSIVE LIQUID, ACIDIC, ORGANIC N.O.S. (Contains 1-Hydroxyethylidene-1,1-diphosphonic Acid)

Hazard Class

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

DOT Identification Number

UN3265

DOT (Pictograms)



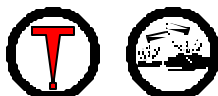
15. Regulatory Information

Canadian Regulatory Information

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

Class E - Corrosive Material

WHMIS - Canada (Pictograms)



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|---------------------|---|--------|---|--------------|---|------------|---|---------------------|---|
| NFPA | HMIS <table border="1"> <tr> <td>HEALTH</td> <td style="text-align: center;">2</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">D</td> </tr> </table> | HEALTH | 2 | FLAMMABILITY | 1 | REACTIVITY | 1 | PERSONAL PROTECTION | D |
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| FLAMMABILITY | 1 | | | | | | | | |
| REACTIVITY | 1 | | | | | | | | |
| PERSONAL PROTECTION | D | | | | | | | | |

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW

Disclaimer

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