

MATERIAL SAFETY DATA SHEET



GLB Large 3 inch Tablets

1. Product And Company Identification			
Supplier 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		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: 03/29/2006 Product Name: GLB Large 3 inch Tablets Chemical Name: Trichloro-s-Triazine-Trione CAS Number: Not Established Chemical Family: Chlorinated Isocyanurates Chemical Formula: C3N3O3Cl3 MSDS Number: 52			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
TRICHLOROISOCYANURICACID		87-90-1	
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).			
EMERGENCY OVERVIEW			
White granular solid or tablet-form product Oxidizer Corrosive to eyes, skin and mucous membranes. Harmful by inhalation and if swallowed.			
3. Hazards Identification			
Primary Routes(s) Of Entry Skin Contact, Inhalation			
Eye Hazards Irritant, severe eye.			
Skin Hazards Dermal exposure can cause severe irritation and/or burns characterized by redness, swelling, and scab formation.			
Ingestion Hazards Irritation and/or burns can occur to the entire gastrointestinal tract, including the stomach and intestines, characterized by nausea, vomiting, diarrhea, abdominal pain, bleeding and/or tissue ulceration. Ingestion causes			

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severe damage to the gastrointestinal tract with the potential to cause perforation.

Inhalation Hazards

Causes respiratory tract irritation.

Signs And Symptoms

Irritation of Eyes and Respiratory Passages

Conditions Aggravated By Exposure

Asthma, Respiratory and Cardiovascular Disease

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 20 minutes. Get medical attention immediately.

Skin

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

Ingestion

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

Inhalation

If inhaled, remove to fresh air.

Note To Physician

Corrosive

In case of ingestion DO NOT induce vomiting. No specific antidote. Treat symptomatically and supportively.

Fire Fighting (Pictograms)**5. Fire Fighting Measures**

Flash Point: n/a °F

Flammability Class: NOT FLAMMABLE

Fire And Explosion Hazards

SMALL QUANTITIES OF WATER WILL REACT WITH THIS PRODUCT TO FORM HAZARDOUS AMOUNTS OF NITROGEN TRICHLORIDE(VIOLENT EXPLOSIVE)

Extinguishing Media

In case of fire, soak (flood) with water. CAUTION DO NOT USE DRY CHEMICAL CONTAINING AMMONIA COMPOUNDS

Fire Fighting Instructions

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

MATERIAL SAFETY DATA SHEET**GLB Large 3 inch Tablets****5. Fire Fighting Measures - Continued****Fire Fighting Instructions - Continued****6. Accidental Release Measures**

Clean up spill immediately. Complete cleanup on dry basis if possible. Use appropriate personal protective equipment (PPE). Use appropriate containers to avoid environmental contamination. Spills greater than 100 pounds constitute a reportable quantity by the US EPA

Handling & Storage (Pictograms)**7. Handling And Storage****Handling And Storage Precautions**

Keep out of reach of children. Store material in a cool and dry place. Do not reuse container

Storage Precautions

Keep out of reach of children. Store in a cool dry place. Do not Reuse container. Keep away from other types of chlorinating compounds and organic material. **KEEP AWAY FROM AMMONIA AND AMMONIA COMPOUNDS.** Do not store above 60C/140F.

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**

Use with adequate general and local exhaust ventilation.

Eye/Face Protection

Safety glasses with side shields or goggles.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

When dusty conditions are encountered, wear a NIOSH/OSHA full-face respirator with chlorine cartridges for protection against chlorine gas and dust/mist pre-filter.

Wear Long Sleeves

9. Physical And Chemical Properties**Appearance**

White tablet or stick

Odor

Chlorine

MATERIAL SAFETY DATA SHEET**GLB Large 3 inch Tablets****9. Physical And Chemical Properties - Continued****Odor - Continued**

Chemical Type: Mixture

Physical State: Solid

Melting Point: Not applicable °F

Boiling Point: Not applicable °F

Specific Gravity: >1

Molecular Weight: NOT DETERMINED

Vapor Pressure: Not applicable

Vapor Density: Not applicable

pH Factor: 2.7-2.9 At a Concentration Of 1% solution

Evaporation Rate: Not Applicable

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Conditions To Avoid (Stability)

THERMAL DECOMPOSITION MAY PRODUCE CHLORINE AND OTHER TOXIC GASES

Incompatible Materials

Reducing agents and Oxidizers, Nitrogen containing compounds, Calcium hypochlorite, Alkalies, Acids, Bases

Hazardous Decomposition Products

Chlorine gas

Conditions To Avoid (Polymerization)

Water on product while in container. Humidity

11. Toxicological Information**Eye Effects**

Corrosive

Skin Effects

Corrosive

Acute Oral Effects

Rat Oral LD50: 490 mg/kg

Acute Inhalation Effects

Rat inhalation: Approx. 0.68 mg/l/4 hour - (nose only)

Chronic/Carcinogenicity

Not known to be a carcinogen.

Not classified by IARC, OSHA, EPA.

Not included in NTP 10th Report on Carcinogens.

Reproductive Effects

There are no known or reported effects on reproductive function or fetal development. Toxicological investigation indicates it does not effect reproductive function of fetal development.

Mutagenicity (Genetic Effects)

Not mutagenic in five Salmonella strains and one E.coli strain with or without mammalian microsomal activation.

12. Ecological Information**Acute Toxicity - Fish And Invertebrates**

96 hour-LC50, Fish: 0.32 mg/l (Rainbow trout)

0.30 mg/l (bluegill sunfish)

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12. Ecological Information - Continued

Acute Toxicity - Fish And Invertebrates - Continued
 96 hour-LC50, Daphnia magna: 0.21 mg/l

Acute And Dietary Toxicity - Birds
 Oral LD50, Mallard duck: 1600 mg/kg
 Dietary LC50, Mallard duck: >10,000 ppm
 Dietary LC50, Bobwhite quail: 7422 ppm

13. Disposal Considerations

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

14. Transport Information


Proper Shipping Name
 TRICHLOROISOCYANURIC ACID DRY

Hazard Class
 5.1, PG II (<=1kg Consumer Commodity ORM-D)

DOT Identification Number
 UN2468

15. Regulatory Information

Canadian Regulatory Information
 Class C - Oxidizing Material
 Class D, Div 2b - Poisonous or Infectious Material: other toxic effects,

NFPA	HMIS								
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16. Other Information

Revision/Preparer Information
 MSDS Preparer: JHW
 This MSDS Superceeds A Previous MSDS Dated: 07/26/2000

Disclaimer

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GLB

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