



# MATERIAL SAFETY DATA SHEET

## Leisure Time Chlorinating Granules

<b>1. Product And Company Identification</b>	
<u>Supplier</u> <b>Leisure Time</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b>  <b>Telephone Number:</b> (770) 521-5999 <b>FAX Number:</b> (770) 521-5959 <b>Web Site:</b> www.poolspacare.com	<u>Manufacturer</u> <b>Advantis Technologies Inc.</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b>  <b>Telephone Number:</b> (770) 521-5999 <b>FAX Number:</b> (770) 521-5959 <b>Web Site:</b> www.poolspacare.com
<u>Supplier Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>	<u>Manufacturer Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>
<b>Issue Date:</b> 04/18/2001  <b>Product Name:</b> Leisure Time Chlorinating Granules <b>CAS Number:</b> Not Established <b>Chemical Family:</b> Chlorinated Isocyanurates <b>Chemical Formula:</b> C3N3O3Cl2Na + 2 H2O <b>MSDS Number:</b> 46	

<b>2. Composition/Information On Ingredients</b>			
	Ingredient Name	CAS Number	Percent Of Total Weight
	Sodium Dichloro-s-Triazine-Trione Dihydrate	51580-86-0	
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>
<u>Primary Routes(s) Of Entry</u> Skin Contact, Inhalation  <u>Eye Hazards</u> Irritant, severe eye.  <u>Skin Hazards</u> Causes skin irritation.  <u>Ingestion Hazards</u> Causes digestive tract burns.  <u>Inhalation Hazards</u> Causes respiratory tract irritation.  <u>Signs And Symptoms</u> Irritation of Eyes and Respiratory Passages  <u>Conditions Aggravated By Exposure</u> Asthma, Respiratory and Cardiovascular Disease

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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.

#### Ingestion

Drink large amounts of water. Avoid Alcohol. Contact a physician or poison control.

#### Inhalation

If inhaled, remove to fresh air.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

**Flash Point:** n/a °F

#### Extinguishing Media

In case of fire, soak (flood) with water. CAUTION DO NOT USE 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). Flush spill area with water. Use appropriate containers to avoid environmental contamination.

### 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.

#### Storage Precautions

Keep out of reach of children. Store in a cool dry place. Do not Reuse container. Keep away from other types of chlorinated compounds and organic material. KEEP AWAY FROM AMMONIA AND AMMONIA COMPOUNDS.

#### Work/Hygienic Practices

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

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### 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

USBM approved respirator with appropriate canister  
Wear Long Sleeves

### 9. Physical And Chemical Properties

#### Appearance

White Granules

#### Odor

Chlorine

**Chemical Type:** Mixture

**Physical State:** Solid

**Melting Point:** Decomposes °F

**Boiling Point:** n/a °F

**Specific Gravity:** 0.96

**Molecular Weight:** NOT DETERMINED

**Percent Volatiles:** NOT VOLATILE

**Vapor Pressure:** NOT VOLATILE

**pH Factor:** 5-7

**Solubility:** 25% IN WATER

### 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

#### Hazardous Decomposition Products

Chlorine gas

Contact with organic matter may cause fire. Granular (stabilized chlorinating concentrate) can be ignited with lighted matches or cigarettes.

### 11. Toxicological Information

No Data Available...

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### 11. Toxicological Information - Continued

#### Acute Oral Effects

LD50 mg/kg Rat >= 910gr/kg

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

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

### 14. Transport Information

#### Proper Shipping Name

NOT REGULATED

#### Hazard Class

NOT REGULATED

#### DOT Identification Number

NONE

### 15. Regulatory Information

#### Canadian Regulatory Information

#### NFPA



#### HMIS

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	I

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 07/26/2000

#### Disclaimer

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Leisure Time