



# MATERIAL SAFETY DATA SHEET

## Leisure Time Instant Cartridge Clean

<b>1. Product And Company Identification</b>	
<b>Supplier</b> 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	<b>Manufacturer</b> Advantis Technologies 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States  Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911
<b>Issue Date:</b> 07/20/2009  <b>Product Name:</b> Leisure Time Instant Cartridge Clean <b>Chemical Name:</b> Multi Purpose Cleaner <b>Chemical Formula:</b> Proprietary Mixture <b>MSDS Number:</b> 325	

<b>2. Composition/Information On Ingredients</b>			
Ingredient Name	CAS Number		Percent Of Total Weight
1, HYDROXYETHYLIDINE 1,1 DIPHOSPHONIC ACID	2809-21-4		
2-BUTOXYETHANOL	111-76-2		
CITRIC ACID	77-92-9		
Poly(oxy-1,2-ethanediyl), alpha-(nonlyphenyl-omega-hydroxy)-	9016-45-9		
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> Skin Contact
<b>Eye Hazards</b> Corrosive to eyes. Causes eye burns and tissue damage.
<b>Skin Hazards</b> Causes skin irritation.
<b>Ingestion Hazards</b> If ingested, get immediate medical attention
<b>Inhalation Hazards</b> Causes respiratory tract irritation.
<b>Signs And Symptoms</b> Irritation of Eyes and Respiratory Passages

## Leisure Time Instant Cartridge Clean

### First Aid (Pictograms)



### **4. First Aid Measures**

#### Eye

Hold eyelids open and rinse slowly with water for 15-20 minutes. Remove contact lenses if present after 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

#### Skin

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

#### Ingestion

Call a poison control center immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### Inhalation

Move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. Have product container with you when calling a poison control center or doctor, or when going for treatment. IN CASE OF EMERGENCY CALL: 1-800-654-6911.

### Fire Fighting (Pictograms)



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

**Flash Point:** 150 °F

#### Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO2.

#### 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.

#### Work/Hygienic Practices

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

## Leisure Time Instant Cartridge Clean

### 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.

#### Ingredient(s) - Exposure Limits

2-BUTOXYETHANOL

ACGIH TLV-TWA 20 ppm (Skin)

OSHA PEL-TWA 50 ppm (Skin)

### 9. Physical And Chemical Properties

#### Appearance

Purple liquid

#### Odor

Detergent

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 215 °F

**Specific Gravity:** 1.138

**Molecular Weight:** NOT DETERMINED

**Percent Volitales:** NOT DETERMINED

**Vapor Pressure:** 17

**Vapor Density:** 0.6

**pH Factor:** 1-3

**Solubility:** SOLUBLE IN WATER

**Evaporation Rate:** 16.0

Corrosive

### 10. Stability And Reactivity

**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR

#### Conditions To Avoid (Stability)

Avoid contact with strong acids and alkalis

#### Incompatible Materials

Acids and Alkalis

#### Hazardous Decomposition Products

Oxides of carbon, nitrogen, aldehydes, ketones

# MATERIAL SAFETY DATA SHEET

## Leisure Time Instant Cartridge Clean

### 11. Toxicological Information

#### Acute Studies

Concentrated product corrosive to skin and mucous membranes

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Use entire contents, then triple rinse and offer for recycling, or dispose in accordance with local, state, and federal regulations. Do not reuse empty container.

### 14. Transport Information

#### Proper Shipping Name

Corrosive Liquid, Acidic, Organic, N.O.S. (1,Hydroxyethylidene 1,1 Diphosphonic Acid)

#### Hazard Class

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

#### DOT Identification Number

UN3265

#### 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)].

### 15. Regulatory Information

#### Ingredient(s) - U.S. Regulatory Information

2-BUTOXYETHANOL

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

SARA - Fire Hazard

#### Ingredient(s) - State Regulations

2-BUTOXYETHANOL

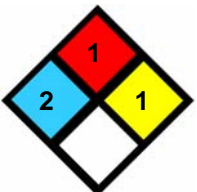
New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

Pennsylvania - Workplace Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

<b>NFPA</b>	<b>HMS</b>								
	<table border="1"><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>1</td></tr><tr><td>REACTIVITY</td><td>1</td></tr><tr><td>PERSONAL PROTECTION</td><td>D</td></tr></table>	HEALTH	2	FLAMMABILITY	1	REACTIVITY	1	PERSONAL PROTECTION	D
HEALTH	2								
FLAMMABILITY	1								
REACTIVITY	1								
PERSONAL PROTECTION	D								

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 07/22/2003

**Leisure Time Instant Cartridge Clean****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).

**Leisure Time**