

# MATERIAL SAFETY DATA SHEET

## Leisure Time Spa Instant Cartridge Cleaner

### 1. Product And Company Identification

<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 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
<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

Issue Date: 04/19/2001

Product Name: Leisure Time Spa Instant Cartridge Cleaner

CAS Number: Not Established

Chemical Formula: Proprietary Mixture

MSDS Number: 107

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
1-HYDROXYETHYLIDENE-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).

### 3. Hazards Identification

#### **Primary Routes(s) Of Entry**

Skin Contact

#### **Eye Hazards**

Causes irreversible eye damage.

#### **Skin Hazards**

Causes skin irritation.

#### **Ingestion Hazards**

If ingested, get immediate medical attention

#### **Inhalation Hazards**

Causes respiratory tract irritation.

#### **Signs And Symptoms**

Irritation of Eyes and Respiratory Passages

# MATERIAL SAFETY DATA SHEET

## Leisure Time Spa Instant Cartridge Cleaner

### 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

Give Milk, Egg Whites or Baking Soda Immediately. Drink large amounts of water. Contact a physician or poison control.

#### Inhalation

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

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

#### 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.

# MATERIAL SAFETY DATA SHEET

## Leisure Time Spa Instant Cartridge Cleaner

### 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

Clear 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

# MATERIAL SAFETY DATA SHEET

## Leisure Time Spa Instant Cartridge Cleaner

### 10. Stability And Reactivity - Continued

#### Hazardous Decomposition Products

Oxides of carbon, nitrogen, aldehydes, ketones

### 11. Toxicological Information

#### Acute Studies

Concentrated product corrosive to skin and mucous membranes

### 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

CORROSIVE LIQUID, acidic, organic N.O.S. (Contains 1- Hydroxyethane, 1-1diphosphonic Acid)

#### Hazard Class

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

#### DOT Identification Number

UN3265

#### DOT (Pictograms)



### 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

#### Canadian Regulatory Information

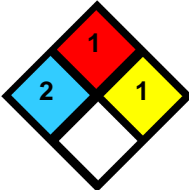
Class B - Combustible or Flammable Material,

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

Class E - Corrosive Material

# MATERIAL SAFETY DATA SHEET

## Leisure Time Spa Instant Cartridge Cleaner

<b>NFPA</b>	<b>HMIS</b>								
	<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;">C</td></tr></table>	HEALTH	2	FLAMMABILITY	1	REACTIVITY	1	PERSONAL PROTECTION	C
HEALTH	2								
FLAMMABILITY	1								
REACTIVITY	1								
PERSONAL PROTECTION	C								

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 11/03/2000

#### 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

Printed Using MSDS Generator™ 2000