




## Leisure Time Cleanse

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: 05/09/2005 Product Name: Leisure Time Cleanse Chemical Family: Acid Mixture Chemical Formula: Proprietary MSDS Number: 322 Product Code: Proprietary			
2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
AMINES, TALLOW ALKYL, ETHOXYLATED	61791-26-2		
HYDROCHLORIC ACID	7647-01-0		
OCTYLPHENOXYPOLYETHOXYETHANOL	9036-19-5		
PHOSPHORICACID	7664-38-2		
SULFURIC ACID	7664-93-9		
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).			
Hazards Identification (Pictograms)			
			
3. Hazards Identification			
<b>Primary Routes(s) Of Entry</b> Eye Contact, Skin Contact			
<b>Eye Hazards</b> Causes severe eye burns.			
<b>Skin Hazards</b> Causes severe skin burns.			
<b>Ingestion Hazards</b> Corrosive to living tissue.			

**MATERIAL SAFETY DATA SHEET****Leisure Time Cleanse****3. Hazards Identification - Continued****Inhalation Hazards**

May cause severe allergic respiratory reaction.

**Signs And Symptoms**

Irritation of Eyes, Skin and Respiratory Passages

**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. Call a physician or a poison control center immediately.

**Skin**

Rinse the affected area with tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

**Ingestion**

DO NOT INDUCE VOMITING. Drink large amounts of water. Contact a physician or poison control.

**Inhalation**

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Call a physician or a poison control center immediately.

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

**Flash Point:** N/A °F

**Extinguishing Media**

Use the appropriate extinguishing media for the surrounding fire.

**Fire Fighting Instructions**

Water can be used to cool and protect exposed material. Firefighters should wear self-contained breathing apparatus and full protective gear.

**6. Accidental Release Measures**

Neutralize spill area with soda ash or lime. Flood with water. Use appropriate containers to avoid environmental contamination. Use appropriate personal protective equipment (PPE).

**7. Handling And Storage****Handling And Storage Precautions**

Keep out of reach of children. Do not store with alkalis.

**Handling Precautions**

Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling.

**Storage Precautions**

Avoid contact with Alkalis, Amines, and Metals. Keep out of reach of children.

## MATERIAL SAFETY DATA SHEET

## Leisure Time Cleanse

## 7. Handling And Storage - Continued

**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**

Local exhaust acceptable. Special exhaust not required

**Eye/Face Protection**

Safety glasses with side shields or goggles recommended.

**Skin Protection**

Chemical-resistant gloves.

**Respiratory Protection**

None normally required.

**Ingredient(s) - Exposure Limits**

HYDROCHLORIC ACID

ACGIH TLV-CEILING 5 ppm

OSHA PEL-CEILING 5 ppm

PHOSPHORIC ACID

ACGIH TLV-STEL 3 mg/m3

ACGIH TLV-TWA 1 mg/m3

OSHA PEL-TWA 1 mg/m3

SULFURIC ACID

ACGIH TLV-STEL 3 mg/m3

ACGIH TLV-TWA 1 mg/m3

OSHA PEL-TWA 1 mg/m3

## 9. Physical And Chemical Properties

**Appearance**

amber, viscous liquid

**Odor**

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 212 °F

**Specific Gravity:** 1.1-1.2

**Percent Volitales:** NOT DETERMINED

**Packing Density:** NOT DETERMINED

**Vapor Pressure:** NOT DETERMINED

**Vapor Density:** >1

**pH Factor:** 0-2

**Solubility:** Soluble in Water

**Viscosity:** NOT DETERMINED

**Evaporation Rate:** <1

**MATERIAL SAFETY DATA SHEET****Leisure Time Cleanse****10. Stability And Reactivity****Stability:** Stable**Hazardous Polymerization:** Will not occur**Conditions To Avoid (Stability)**

Avoid contact with strong Amines, Alkalis, and Metals. Heat can cause hydrogen chloride.

**Incompatible Materials**

Alkalis, Amines and Metals

**Hazardous Decomposition Products**

Hydrogen Chloride

**11. Toxicological Information****Ingredient(s) - Carcinogenicity**

SULFURIC ACID

NTP - Listed On The National Toxicology Program

Listed In The IARC Monographs

**12. Ecological Information**

No Data Available...

**13. Disposal Considerations**

Refer to applicable federal, state, and local regulations prior to disposition of container and residual contents.

**14. Transport Information****Proper Shipping Name**

Corrosive, Liquid, Acidic, Inorganic, N.O.S. (Hydrochloric and Sulfuric Acids)

**Hazard Class**

8, PGII (&lt;1L Consumer Commodity ORM-D)

**DOT Identification Number**

UN3264

**DOT (Pictograms)****15. Regulatory Information****SARA Title III - Section 313 Supplier Notification**

This product contains the following toxic chemicals that are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

HYDROCHLORIC ACID (7647-01-0) %

SULFURIC ACID (7664-93-9) %

This information must be included on all MSDSs that are copied and distributed for this material.

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

HYDROCHLORIC ACID

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

SULFURIC ACID

SARA Title III - EPA Part 355 Extremely Hazardous Substance

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

# MATERIAL SAFETY DATA SHEET

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### 15. Regulatory Information - Continued

#### Ingredient(s) - State Regulations

##### HYDROCHLORIC ACID

- New Jersey - Workplace Hazard
- New Jersey - Environmental Hazard
- New Jersey - Special Hazard
- New Jersey - TCPA Extraordinarily Hazardous Substance
- Pennsylvania - Workplace Hazard
- Pennsylvania - Environmental Hazard
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance

##### SULFURIC ACID

- New Jersey - Workplace Hazard
- New Jersey - Environmental Hazard
- New Jersey - Special Hazard
- Pennsylvania - Workplace Hazard
- Pennsylvania - Environmental Hazard
- California - CalARP Table 3 Regulated Substance
- Massachusetts - Hazardous Substance
- New York City - Hazardous Substance

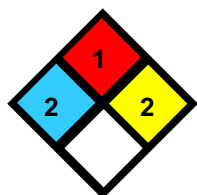
#### Canadian Regulatory Information

- Class D, Div 1a - Poisonous or Infectious Material: immediate and serious toxic effects
- Class D, Div 2a - Poisonous or Infectious Material: other toxic effects
- Class D, Div 2b - Poisonous or Infectious Material: other toxic effects
- Class E - Corrosive Material

#### WHMIS - Canada (Pictograms)



#### NFPA



#### HMIS

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	X

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 07/02/2002

#### Disclaimer

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Leisure Time