


# MATERIAL SAFETY DATA SHEET

## All Clear Tile Scale Remover

1. Product And Company Identification	
<b>Supplier</b> Aqua Tri 17872 Mitchell No. Suite 250 Irvine, CA 92614-6034 United States  Telephone Number: (949) 474-7707 FAX Number: (949) 474-7024	<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>Issue Date:</b> 05/09/2001 <b>Product Name:</b> Tile Scale Remover <b>CAS Number:</b> Not Established <b>Chemical Family:</b> Acid Mixture <b>Chemical Formula:</b> Proprietary <b>MSDS Number:</b> 225 <b>Product Code:</b> Proprietary	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
HYDROCHLORIC ACID	7647-01-0		
PHOSPHORIC ACID	7664-38-2		
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.
<b>Inhalation Hazards</b> May cause severe allergic respiratory reaction.

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### 3. Hazards Identification - Continued

#### 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.

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### 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

PEL TLV

1mg/m3 1mg/m3

### 9. Physical And Chemical Properties

#### Appearance

blue 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

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### 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

No Data Available...

### 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 N.O.S. (Hydrochloric and Phosphoric Acids)

**Hazard Class**

8, PGII (<1L Consumer Commodity ORM-D)

**DOT Identification Number**

UN1760

**DOT (Pictograms)**



### 15. Regulatory Information

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

HYDROCHLORIC ACID

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

SARA - Acute Health Hazard

**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

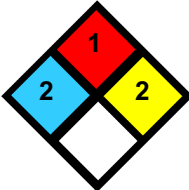
Pennsylvania - Environmental Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

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<b>NFPA</b>	<b>HMIS</b>								
	<table border="1"><tr><td>HEALTH</td><td style="text-align: center;">3</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">0</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	3	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	C
HEALTH	3								
FLAMMABILITY	0								
REACTIVITY	1								
PERSONAL PROTECTION	C								

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 05/07/2001

#### Disclaimer

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