


MATERIAL SAFETY DATA SHEET

All Clear Spa Stain & Scale

1. Product And Company Identification			
Supplier Aqua Tri 17872 N. Mitchell Irvine, CA 92614 United States Telephone Number: (949) 474-7707 FAX Number: (949) 474-7024		Manufacturer 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	
Issue Date: 07/23/2002 Product Name: Spa Stain & Scale CAS Number: Not Established Chemical Family: Sequestering Agent Chemical Formula: Proprietary MSDS Number: 129			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
1-Hydroxyethane-1, 1-Diphosphonic Acid		2809-21-4	
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			
Primary Routes(s) Of Entry Eye Contact, Skin Contact			
Eye Hazards May cause severe eye burns.			
Skin Hazards May cause severe skin burns.			
Ingestion Hazards May be corrosive to living tissue.			
Inhalation Hazards May cause allergic respiratory reaction.			
Signs And Symptoms Irritation of Eyes, Skin and Respiratory Passages			

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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. 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.

Note To Physician

May decrease the Affinity of hemoglobin for Oxygen.

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, Metal salts of sulfides and strong oxidizers. Keep out of reach of children.

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

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.

9. Physical And Chemical Properties

Appearance

Clear blue liquid

Odor

Mild

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 212 °F

Specific Gravity: 1.0-1.2

Percent Volatiles: NOT DETERMINED

Packing Density: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

Vapor Density: >1

pH Factor: 1.3-1.9

Solubility: Soluble in Water

Viscosity: NOT DETERMINED

Evaporation Rate: <1

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

Heat above 200F can cause phosphine gas.

Incompatible Materials

Alkalis, metal salts of sulfides and sulfites, strong oxidizers and amines.

Hazardous Decomposition Products

Phosphines, CO, CO₂, oxides of nitrogen

11. Toxicological Information

Conditions Aggravated By Exposure

May aggravate Anemia

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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, Organic, N.O.S. (1-Hydroxyethane-1,1-Diphosphonic Acid)

Hazard Class

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

DOT Identification Number

UN3265

Additional Shipping Paper Description

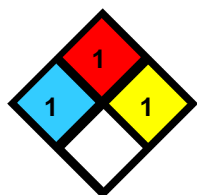
North American Emergency Response Guide No.153

Not regulated by DOT for ground shipments [see exception for material corrosive to steel/aluminum 49CFR 173.154(d)].

15. Regulatory Information

No Data Available...

NFPA



HMIS

HEALTH	1
FLAMMABILITY	1
REACTIVITY	1
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 11/14/2000

Disclaimer

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