

MATERIAL SAFETY DATA SHEET

Regal Metal Out

1. Product And Company Identification			
Supplier Alliance Trading, Inc. 109 Northpark Blvd., 4th Floor Covington, LA 70433 United States Telephone Number: (985) 892-5521 FAX Number: (985) 892-1657		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: 12/15/2005 Product Name: Metal Out Chemical Name: Sequestering Agent CAS Number: Not Established Chemical Family: Di Phosphonic Acid Chemical Formula: Proprietary Mixture MSDS Number: 117			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONICACID		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).			
3. Hazards Identification			
Primary Routes(s) Of Entry Skin Contact			
Eye Hazards Corrosive to eyes. 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			
Conditions Aggravated By Exposure May aggravate Anemia. May decrease affinity of Hemoglobin for Oxygen			

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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. 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

Drink large amounts of water or milk. Do not induce vomiting. Contact a physician or poison control.

Inhalation

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

Note To Physician

May Aggravate Anemia. May Decrease affinity of Oxygen for hemoglobin

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

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). 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. Store away from strong oxidizers and caustics. Store in sealed containers.

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7. Handling And Storage - Continued

Storage Precautions

Store in a cool dry place. Store away from oxidizers and caustics

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.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

General room ventilation is normally adequate.

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: 1.01-1.02

Molecular Weight: NOT DETERMINED

Percent Volitales: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

pH Factor: <2

Solubility: SOLUBLE IN WATER

Evaporation Rate: NOT DETERMINED

Corrosive

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Conditions To Avoid (Stability)

Avoid contact with strong acids and alkalis and contact with metal salts of sulfides and sulfites, strong oxidizers and amines.

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10. Stability And Reactivity - Continued

Incompatible Materials

Avoid contact with strong acids and alkalis and contact with metal salts of sulfides and sulfites, strong oxidizers and amines.

Hazardous Decomposition Products

Toxic phosphines may form if the water is completely removed. Oxides of carbon and Nitrogen may also be formed

11. Toxicological Information

Conditions Aggravated By Overexposure

May Aggravate Anemia

12. Ecological Information

No Data Available...

13. Disposal Considerations

Refer to applicable local, state and federal regulations as well as industry standards. Incineration recommended.

14. Transport Information

Proper Shipping Name

CORROSIVE LIQUID, ACIDIC, ORGANIC N.O.S. (Contains 1-Hydroxyethane,1-diphosphonic Acid)

Hazard Class

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

DOT Identification Number

UN3265

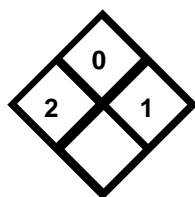
DOT (Pictograms)



15. Regulatory Information

No Data Available...

NFPA



HMIS

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 11/06/2000

Disclaimer

No Data Available...

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Disclaimer - Continued

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