



MATERIAL SAFETY DATA SHEET

Robarb Metal-X

1. Product And Company Identification

Supplier Robarb 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770)521-5999 FAX Number: (770)521-5959 Web Site: www.poolspacare.com	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
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Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300	Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300
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Issue Date: 02/13/2006

Product Name: Robarb Metal-X
 Chemical Name: Inorganic Phosphate
 CAS Number: Not Established
 Chemical Family: Phosphate
 Chemical Formula: Proprietary Mixture
 MSDS Number: 80

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
TETRASODIUMMETHYLENEDIAMINETETRAACETICACID,HYDRATE	64-02-8	

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% of more of the composition. Information on proprietary materials is available in 29CFR 191

See exception for material corrosive to aluminum 49CFR 173.154(d) Not regulated for ground shipment

3. Hazards Identification

Primary Routes(s) Of Entry
 Ingestion, Eye Contact, Skin Contact

Eye Hazards
 May cause eye irritation which can lead to blindness.

Skin Hazards
 May cause skin irritation.

Ingestion Hazards
 Ingestion of this product may cause irritation of the gastrointestinal tract.

Inhalation Hazards
 May be harmful if inhaled.

Signs And Symptoms
 Burning and stinging of eyes.

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First Aid (Pictograms)



4. First Aid Measures

Eye

Remove the victim from the source of contamination or exposure to nearest eyewash or other source of clean water.

Skin

Rinse the affected area with tepid water for at least 15 minutes.

Ingestion

Drink large amounts of water. Contact a physician or poison control.

Inhalation

If inhaled, remove to fresh air. Consult a physician.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: n/a °F

Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

Water can make surface slippery.

6. Accidental Release Measures

CAUTION Surfaces wet with this product are slippery. 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.

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Wash thoroughly after handling.

Handling Precautions

Avoid contact with eyes. Do not get on skin.

Storage Precautions

Store in a cool dry place.

Work/Hygienic Practices

Use safe chemical handling procedures suitable for the hazards presented by this material.

Protective Clothing (Pictograms)



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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 liquid

Odor

Fish or amine

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 212 °F

Specific Gravity: 1 g/ml

Percent Volitales: Not established

Vapor Pressure: Not established

Solubility: soluble in water

Evaporation Rate: Not established

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatible Materials

Strong Oxidizers Aluminum and Zinc.

Hazardous Decomposition Products

Hydrogen

11. Toxicological Information

Acute Oral Effects

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, Basic, Organic, N.O.S. (Tetrasodium Ethelenediaminetetracetic acid)

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14. Transport Information - Continued

Hazard Class

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

DOT Identification Number

UN3267

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 49CF 173.154(d)].

15. Regulatory Information

Canadian Regulatory Information

Class D, Div 2A - untested mixture containing material qualifying as D2A

Class D, Div 2B - eye or skin irritant

Class E - corrosive to metal or skin

WHMIS - Canada (Pictograms)**NFPA****HMIS**

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 09/13/2000

Disclaimer

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Robarb