



# MATERIAL SAFETY DATA SHEET

## Robarb Metal-X

### 1. Product And Company Identification

<b>Supplier</b> <b>Robarb</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b> Telephone Number: (770)521-5999 FAX Number: (770)521-5959 Web Site: www.poolspacare.com	<b>Manufacturer</b> <b>Advantis Technologies, Inc.</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b> Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com
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<b>Supplier Emergency Contacts &amp; Phone Number</b> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>
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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)].

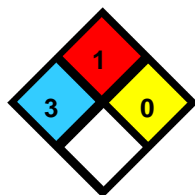
### 15. Regulatory Information

**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