

ROBARB MATERIAL SAFETY DATA SHEET



Robarb Metal X

1. Product And Company Identification									
<u>Supplier</u> 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		<u>Manufacturer</u> 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							
<u>Supplier Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300		<u>Manufacturer Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300							
Issue Date: 04/18/2001 Product Name: Robarb Metal X CAS Number: Not Established Chemical Family: Phosphate Chemical Formula: Proprietary Mixture MSDS Number: 80									
2. Composition/Information On Ingredients									
<table border="1"> <thead> <tr> <th>Ingredient Name</th> <th>CAS Number</th> <th>Percent Of Total Weight</th> </tr> </thead> <tbody> <tr> <td>TETRASODIUM ETHYLENEDIAMINE TETRAACETIC ACID</td> <td>64-02-8</td> <td></td> </tr> </tbody> </table>		Ingredient Name	CAS Number	Percent Of Total Weight	TETRASODIUM ETHYLENEDIAMINE TETRAACETIC ACID	64-02-8			
Ingredient Name	CAS Number	Percent Of Total Weight							
TETRASODIUM ETHYLENEDIAMINE TETRAACETIC ACID	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% or 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									
<u>Primary Routes(s) Of Entry</u> Ingestion, Eye Contact, Skin Contact <u>Eye Hazards</u> May cause eye irritation which can lead to blindness. <u>Skin Hazards</u> May cause skin irritation. <u>Ingestion Hazards</u> Ingestion of this product may cause irritation of the gastrointestinal tract. <u>Inhalation Hazards</u> May be harmful if inhaled. <u>Signs And Symptoms</u> Burning and stinging of eyes.									

MATERIAL SAFETY DATA SHEET

Robarb Metal X

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.

MATERIAL SAFETY DATA SHEET

Robarb Metal X

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 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...

MATERIAL SAFETY DATA SHEET

Robarb Metal X

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

Not regulated as hazardous by DOT, see exception for material corrosive to aluminum 49CFR 173.154 (d).
For air, water and international shipments:
CORROSIVE LIQUID, BASIC, ORGANIC N.O.S.
(Tetrasodium Ethelenediaminetetraacetate) 8,UN3267, PGIII
North American Emergency Responce Guide No. 153

Hazard Class

See Above

Secondary Hazard Class

None

DOT Shipping Label

See Above

Packaging Exceptions

See Above

15. Regulatory Information

Canadian Regulatory Information

Class D, Div 2b - Poisonous or Infectious Material: other toxic effects

WHMIS - Canada (Pictograms)



NFPA



HMS

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

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

MATERIAL SAFETY DATA SHEET

Robarb Metal X

Disclaimer - Continued

Robarb

Printed Using MSDS Generator™ 2000