



# MATERIAL SAFETY DATA SHEET

## Robarb Down & Out

1. Product And Company Identification			
<b>Supplier</b> <b>Robarb</b> 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770)521-5999 FAX Number: (770)521-5959 Web Site: www.poolspacare.com		<b>Manufacturer</b> <b>Advantis Technologies, Inc.</b> 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com	
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300	
Issue Date: 06/19/2006 Product Name: Robarb Down & Out CAS Number: Not Established Chemical Family: Inorganic salt solution blended with organic polymer Chemical Formula: Proprietary MSDS Number: 348			
2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
ALUMINUM CHLORIDE	1327-41-9		
Polydimethyldiallylammonium Chloride	26062-79-3		
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			
<b>Primary Routes(s) Of Entry</b> Eye Contact, Skin Contact			
<b>Eye Hazards</b> Irritant, moderate eye.			
<b>Skin Hazards</b> May cause skin reaction.			
<b>Ingestion Hazards</b> May be harmful if swallowed.			
<b>Inhalation Hazards</b> May be harmful if inhaled.			
<b>Signs And Symptoms</b> Irritant to eyes and skin			

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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

Wash affected areas with soap and water.

#### Ingestion

DO NOT INDUCE VOMITING. Contact a physician or poison control.

#### Inhalation

If inhaled, remove to fresh air.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

Flash Point: N/A °F

Flammability Class: non-flammable

#### Fire And Explosion Hazards

Product may build up and rupture a sealed container

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire. Use water to cool fire-exposed containers.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Avoid release to the environment. Neutralize spill area with soda ash or lime.

### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place.

#### Storage Precautions

Avoid contact with Alkalis or Oxidizing agents

#### Work/Hygienic Practices

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

**MATERIAL SAFETY DATA SHEET****Robarb Down & Out****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**

Blue liquid

**Odor**

None

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 220 °F

Specific Gravity: 1.127-1.135

Molecular Weight: NOT DETERMINED

Percent Volitales: NOT DETERMINED

Packing Density: NOT DETERMINED

Vapor Pressure: NOT DETERMINED

Vapor Density: NOT DETERMINED

pH Factor: 2-3

Solubility: Soluble in water

Evaporation Rate: NOT DETERMINED

**10. Stability And Reactivity**

Stability: Stable

Hazardous Polymerization: Will not occur

**Incompatible Materials**

Avoid contact with oxidizers and alkalis

**Hazardous Decomposition Products**

May decompose to Hydrochloric Acid in a fire

**Conditions To Avoid (Polymerization)**

Excessive heat

**11. Toxicological Information**

No Data Available...

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**12. Ecological Information**

No Data Available...

**13. Disposal Considerations**

Dispose in accordance with applicable federal, state and local government regulations.

**14. Transport Information**


**Proper Shipping Name**  
Corrosive Liquid, n.o.s (Aluminum Chloride)

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

**DOT Identification Number**  
UN1760

**15. Regulatory Information**

No Data Available...

<b>NFPA</b>	<b>HMIS</b>								
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**16. Other Information**

**Revision/Preparer Information**  
MSDS Preparer: JHW/PB  
This MSDS Superceeds A Previous MSDS Dated: 02/13/2006

**Disclaimer**

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**Robarb**