



# MATERIAL SAFETY DATA SHEET

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## GLB Algae-X

1. Product And Company Identification	
<b>Supplier</b> GLB 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> 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
<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: 09/13/2004 Product Name: GLB Algae-X Chemical Name: Poly(oxyethylene(Dimethyliminio)Ethylene(Dimethyliminio)Ethylene Dichloride) Chemical Family: Polymeric Quaternary Ammonium Compound Chemical Formula: Proprietary Mixture MSDS Number: 270	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
Poly(oxyethylene (dimethyliminio) Ethylene (dimethyliminio)ethylene dichloride)	31075-24-8		
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 1910.1200(i)(1).			

3. Hazards Identification
<b>Primary Routes(s) Of Entry</b> Skin Contact, Eye Contact, Inhalation
<b>Eye Hazards</b> Causes eye irritation.
<b>Skin Hazards</b> Causes skin irritation.
<b>Ingestion Hazards</b> Harmful if swallowed.
<b>Inhalation Hazards</b> Causes respiratory tract irritation.
<b>Signs And Symptoms</b> Irritation of Eyes and Respiratory Passages
<b>Conditions Aggravated By Exposure</b> None Known

## GLB Algae-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. Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes.

#### Skin

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

#### Ingestion

Call a physician or a poison control center immediately. If victim is fully conscious, give one or two cups of water or milk to drink. If swallowed, do not induce vomiting unless directed to do so by medical personnel.

#### Inhalation

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

#### Note To Physician

No Specific Antidote is known. Treat Symptoms.  
Evaluate Principal Route of Entry, Seek appropriate medical attention. Never give anything by mouth to an unconscious person.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

Flash Point: N/A °F

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

### 6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Avoid release to the environment. Do not flush to sewer.

### Handling & Storage (Pictograms)



### 7. Handling And Storage

#### Handling And Storage Precautions

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

#### Handling Precautions

Avoid contact with eyes. Wash hands before eating, drinking, or smoking.


#### Storage Precautions

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

#### Work/Hygienic Practices

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

## GLB Algae-X

<p><b>7. Handling And Storage - Continued</b></p> <p><b>Work/Hygienic Practices - Continued</b> Do not contaminate Water Food or Feed by storage or cleaning equipment.</p>
<p><b>Protective Clothing (Pictograms)</b></p> 
<p><b>8. Exposure Controls/Personal Protection</b></p> <p><b>Engineering Controls</b> Local exhaust acceptable. Special exhaust not required</p> <p><b>Eye/Face Protection</b> Safety glasses with side shields or goggles recommended.</p> <p><b>Skin Protection</b> Chemical-resistant gloves.</p> <p><b>Respiratory Protection</b> General room ventilation is normally adequate.</p>
<p><b>9. Physical And Chemical Properties</b></p> <p><b>Appearance</b> Tan colored liquid</p> <p><b>Odor</b> Moderate</p> <p><b>Chemical Type:</b> Mixture  <b>Physical State:</b> Liquid  <b>Boiling Point:</b> 212 °F  <b>Specific Gravity:</b> 1.07  <b>Percent Volitales:</b> Not established  <b>Vapor Pressure:</b> Not established  <b>pH Factor:</b> 6-8  <b>Solubility:</b> soluble  <b>Viscosity:</b> Not established  <b>Evaporation Rate:</b> Not established</p>
<p><b>10. Stability And Reactivity</b></p> <p><b>Stability:</b> Stable  <b>Hazardous Polymerization:</b> Will not occur</p> <p><b>Incompatible Materials</b> Anionic Polymers</p>
<p><b>11. Toxicological Information</b></p> <p>No Data Available...</p>
<p><b>12. Ecological Information</b></p> <p>No Data Available...</p>

## GLB Algae-X

### 13. Disposal Considerations

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

### 14. Transport Information

#### Proper Shipping Name

Environmentally Hazardous Substance, Liquid, n.o.s.,  
(Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]), Marine Pollutant

#### Hazard Class

9, PGIII

#### DOT Identification Number

UN3082


#### Additional Shipping Paper Description

North American Emergency Response Guide No. 171  
Not regulated by DOT for ground or air shipments [see exception for marine pollutants 49CFR171.4(c)].

### 15. Regulatory Information

#### State Regulations

California Proposition 65: This product had been reviewed for Prop 65 components and the following applies:  
Warning: This product may contain substance(s) which are known to the State of California to cause cancer or reproductive harm. (Contents may contain trace levels of (<10 ppm) of Dichloroethyl ether, 1,4-Dioxane and (<20 ppb) N-nitrosodimethylamine). Trace contaminants from Poly[oxyethylene(diamethylimino)ethylene(diethylimino)ethylene dichloride)

<b>NFPA</b>	<b>HMIS</b>								
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FLAMMABILITY	1								
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### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 01/25/2002

#### Reference Documentation

#### Disclaimer

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GLB