



GLB Algae-X

1. Product And Company Identification			
Supplier 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		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	
Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300		Manufacturer Emergency Contacts & Phone Number 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			
Primary Routes(s) Of Entry Skin Contact, Eye Contact, Inhalation			
Eye Hazards Causes eye irritation.			
Skin Hazards Causes skin irritation.			
Ingestion Hazards Harmful if swallowed.			
Inhalation Hazards Causes respiratory tract irritation.			
Signs And Symptoms Irritation of Eyes and Respiratory Passages			
Conditions Aggravated By Exposure None Known			

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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. 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.

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7. Handling And Storage - Continued**Work/Hygienic Practices - Continued**

Do not contaminate Water Food or Feed by storage or cleaning equipment.

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

General room ventilation is normally adequate.

9. Physical And Chemical Properties**Appearance**

Tan colored liquid

Odor

Moderate

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F

Specific Gravity: 1.07

Percent Volitales: Not established

Vapor Pressure: Not established

pH Factor: 6-8

Solubility: soluble

Viscosity: Not established

Evaporation Rate: Not established

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatible Materials

Anionic Polymers

11. Toxicological Information

No Data Available...

12. Ecological Information

No Data Available...

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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

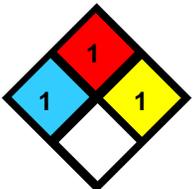
Hazard Class
 9, PGIII

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)

NFPA	HMIS								
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HEALTH	1								
FLAMMABILITY	1								
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PERSONAL PROTECTION	B								

16. Other Information

Revision/Preparer Information
 MSDS Preparer: JHW
 This MSDS Superceeds A Previous MSDS Dated: 01/25/2002

Reference Documentation

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).

GLB