MATERIAL SAFETY DATA SHEET

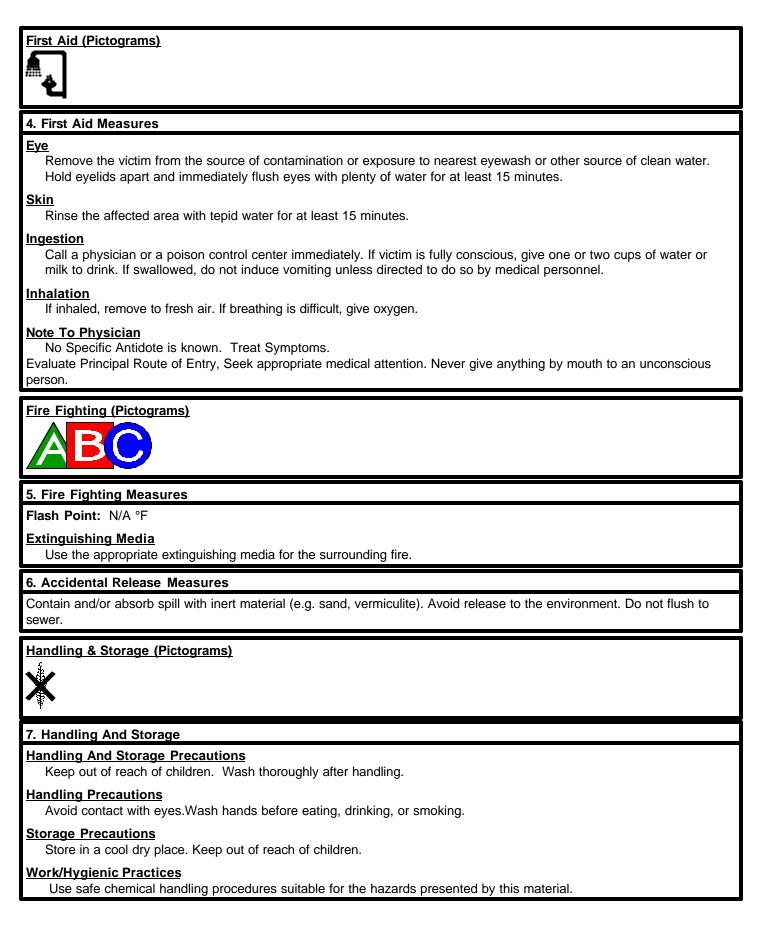
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# GLB Algae-X

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	<u>Manufacturer Emergency Contacts &amp; Phone Number</u> 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 TotalWeight	
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 or 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				
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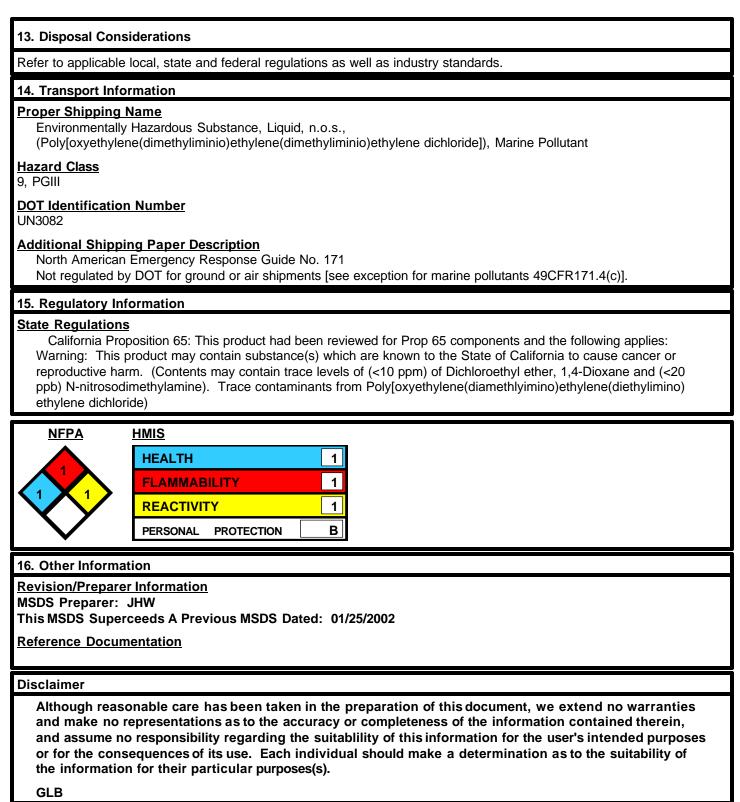


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De net contaminate Water Food or Feed by storage or cleaning equipment. Protective Clothing (Pictograms)  Second State S	7. Handling And Storage - Continued
Protective Clothing (Pictograms)  Second State S	Work/Hygienic Practices - Continued Do not contaminate Water Food or Feed by storage or cleaning equipment.
Image: State Stat	
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 Wiscosity: Not established Wiscosity: Not established Evaporation Rate: Not established 10. Stability: Stable Hazardous Polymerization: Will not occur Incompatible Materials Anionic Polymers 11. Toxicological Information No Data Available	Protective Clothing (Pictograms)
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 Different Volitales: Not established Viscosity: Not established Evaporation Rate: Not established 10. Stability: Stable Hazardous Polymerization: Will not occur Incompatible Materials Anionic Polymers 11. Toxicological Information No Data Available	
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Local exhaust acceptable. Special exhaust not required	8. Exposure Controls/Personal Protection
Safety glasses with side shields or goggles recommended. Skin Protection Chemical-resistant gloves. Respiratory Protection General room ventilation is normally adequate. 3. 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 Viscosity: Not established Viscosity: Not established Viscosity: Not established No. Stability And Reactivity Stabile Hazardous Polymerization: Will not occur Incompatible Materials Anionic Polymers	Engineering Controls Local exhaust acceptable. Special exhaust not required
Chemical-resistant gloves.  Respiratory Protection General room ventilation is normally adequate.  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 Vapor Pressure: Not established Od point: 212 °F 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	Eye/Face Protection Safety glasses with side shields or goggles recommended.
General room ventilation is normally adequate.  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 IO. Stability And Reactivity Stability: Stable Hazardous Polymerization: Will not occur Incompatible Materials Anionic Polymers II. Toxicological Information No Data Available	Skin Protection Chemical-resistant gloves.
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         Solubility: soluble         Viscosity: Not established         Evaporation Rate: Not established         Evaporation Rate: Not established         Batability: Stable         Hazardous Polymerization: Will not occur         Incompatible Materials         Anionic Polymers         11. Toxicological Information         No Data Available	Respiratory Protection General room ventilation is normally adequate.
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         Vaporation Rate: Not established         Evaporation Rate: Not established         Io. Stability And Reactivity         Stability: Stable         Hazardous Polymerization: Will not occur         Incompatible Materials         Anionic Polymers         11. Toxicological Information         No Data Available	9. Physical And Chemical Properties
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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	
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Stability:       Stability: <td>Evaporation Rate: Not established</td>	Evaporation Rate: Not established
Hazardous Polymerization: Will not occur         Incompatible Materials         Anionic Polymers         11. Toxicological Information         No Data Available	10. Stability And Reactivity
Incompatible Materials Anionic Polymers 11. Toxicological Information No Data Available	Stability: Stable
Anionic Polymers  11. Toxicological Information  No Data Available	
No Data Available	
	11. Toxicological Information
12. Ecological Information	No Data Available
	12. Ecological Information
No Data Available	No Data Available

#### **GLB Algae-X**



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