MATERIAL SAFETY DATA SHEET

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GLB Algimycin Winter

1. Product And Company Identification Supplier Manufacturer GLB Advantis Technologies, Inc. 1400 Bluegrass Lakes Parkway 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Alpharetta, GA 30004 United States **Telephone Number:** (770)521-5999 **Telephone Number:** (770) 521-5999 FAX Number: (770)521-5959 **FAX Number:** (770) 521-5959 Web Site: www.poolspacare.com Web Site: www.poolspacare.com Manufacturer Emergency Contacts & Phone Number Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300 CHEMTREC - DAY OR NIGHT: (800) 424-9300

Issue Date: 09/14/2004

Product Name: GLB Algimycin Winter

Chemical Name: Polymeric Quaternary Ammonium Compound

CAS Number: 31075-24-8

Chemical Family: Algicidal Formulation Chemical Formula: Proprietary Mixture

MSDS Number: 58

Synonyms Algaecide

| 2. Composition/Information On Ingredients | | | |
|---|---------------|--|----------------------------|
| Ingredient Name | CAS Number | | Percent Of Total Weight |
| Polydimethyldiallyammoniun@hloride | 26062-79-3 | | |
| Poly{oxyethylene(dimethyliminio)Ethylene (dimethyliminio)ethylene dichloride} | | | |

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

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. AVOID ALCOHOL

Inhalation Hazards

Causes respiratory tract irritation.

3. Hazards Identification - Continued

Signs And Symptoms

Irritation of Eyes and Respiratory Passages

Conditions Aggravated By Exposure

None Known

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

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. AVOID ALCOHOL

Inhalation

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

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

Flammability Class: NOT FLAMMABLE

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.

7. Handling And Storage - Continued

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. Do not contaminate water, food or feed by storage, disposal or cleaning equipment.

Work/Hygienic Practices

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

Do not contaminate Water Food or Feed by storage or cleaning of 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

<u>Appearance</u>

Tan colored liquid

<u>Odor</u>

Moderate

Chemical Type: Mixture Physical State: Liquid Melting Point: N/A °F Boiling Point: 212 °F Specific Gravity: 1.0-1.2

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

Conditions To Avoid (Stability)

Contact with other chemicals

10. Stability And Reactivity - Continued

Incompatible Materials

Anionic Polymers

Hazardous Decomposition Products

Carbon Monoxide

11. Toxicological Information

No Data Available...

Ecological (Pictograms)



12. Ecological Information

Acute Toxicity - Fish And Invertebrates

This product is Toxic to fish. Do not discharge into lakes streams or ponds.

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

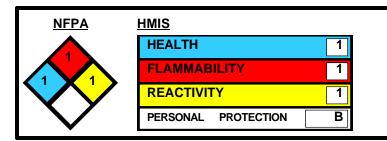
California Proposition 65: This product had been reviewed for Prop 65 components and the following applies: Warning: This product may contain substance(s) which are known to the State of California to cause cancer or reproductive harm. (Contents may contain trace levels of (<10 ppm) of Dichloroetheyl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

Canadian Regulatory Information

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

WHMIS - Canada (Pictograms)





16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 07/26/2000

Disclaimer

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GLB

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