

## MATERIAL SAFETY DATA SHEET



## GLB Vanquish

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: 07/23/2002 Product Name: GLB Vanquish CAS Number: Not Established Chemical Family: Cationic polymer Chemical Formula: Proprietary MSDS Number: 17			
2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
Polydimethylallylammonium 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> May cause eye irritation.			
<b>Skin Hazards</b> May cause skin irritation.			
<b>Ingestion Hazards</b> May be harmful if swallowed.			
<b>Inhalation Hazards</b> May cause respiratory tract irritation.			
<b>Signs And Symptoms</b> Irritant to eyes and skin			

**MATERIAL SAFETY DATA SHEET****GLB Vanquish****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.

**Skin**

Wash affected areas with soap and water.

**Ingestion**

DO NOT INDUCE VOMITING. Drink large amounts of water. 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

**Fire And Explosion Hazards**

Excess heat with prolonged evaporation can result in emission of toxic fumes. Dried material can burn to give off oxides of carbon, nitrogen and hydrogen chloride.

**Extinguishing Media**

Use the appropriate extinguishing media for the surrounding fire.

**Fire Fighting Instructions**

Firefighters should wear self-contained breathing apparatus and full protective gear.  
Spills will cause very slippery conditions

**6. Accidental Release Measures**

Contain and/or absorb spill with inert material (e.g. sand, vermiculite).

**7. Handling And Storage****Handling And Storage Precautions**

Keep out of reach of children.

**Handling Precautions**

Avoid contact with skin and clothing.

**Storage Precautions**

Keep out of reach of children.

**Work/Hygienic Practices**

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

## MATERIAL SAFETY DATA SHEET

## GLB Vanquish

## 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**

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 212 °F

**Specific Gravity:** 1.02

**Molecular Weight:** Proprietary

**Percent Volatiles:** Negligible

**Packing Density:** Not Determined

**Vapor Pressure:** Not Determined

**Solubility:** Soluble in water

**Viscosity:** Not Determined

**Evaporation Rate:** <1

## 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** will not occur

**Hazardous Decomposition Products**

The dried material can burn to give off oxides of carbon, hydrogen and hydrogen chloride.

## 11. Toxicological Information

No Data Available...

## 12. Ecological Information

No Data Available...

**MATERIAL SAFETY DATA SHEET**

**GLB Vanquish**

**13. Disposal Considerations**

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

**14. Transport Information**

**Proper Shipping Name**  
NOT REGULATED

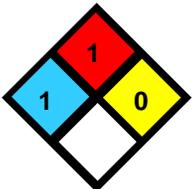
**Hazard Class**  
NOT REGULATED

**DOT Identification Number**  
NONE

**DOT Identification Number**  
NONE

**15. Regulatory Information**

No Data Available...

<b>NFPA</b>	<b>HMIS</b>								
	<table border="1"> <tr> <td style="background-color: #00BFFF;">HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #FF0000;">FLAMMABILITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #FFFF00;">REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">B</td> </tr> </table>	HEALTH	1	FLAMMABILITY	1	REACTIVITY	0	PERSONAL PROTECTION	B
HEALTH	1								
FLAMMABILITY	1								
REACTIVITY	0								
PERSONAL PROTECTION	B								

**16. Other Information**

**Revision/Preparer Information**  
MSDS Preparer: JHW3

**Disclaimer**

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GLB

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