




# MATERIAL SAFETY DATA SHEET

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## Leisure Time Metal Gon

1. Product And Company Identification			
<b>Supplier</b> Leisure Time 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: 09/01/2004 Product Name: Leisure Time Metal Gon Chemical Family: Sequestering Agent Chemical Formula: Proprietary MSDS Number: 129			
2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
1-Hydroxyethane-1, 1-Diphosphonic Acid	2809-21-4		
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).			
Hazards Identification (Pictograms)			
			
3. Hazards Identification			
<b>Primary Routes(s) Of Entry</b> Eye Contact, Skin Contact			
<b>Eye Hazards</b> May cause severe eye burns.			
<b>Skin Hazards</b> May cause severe skin burns.			
<b>Ingestion Hazards</b> May be corrosive to living tissue.			
<b>Inhalation Hazards</b> May cause allergic respiratory reaction.			
<b>Signs And Symptoms</b> Irritation of Eyes, Skin and Respiratory Passages			

## Leisure Time Metal Gon

### 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. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

#### Ingestion

DO NOT INDUCE VOMITING. Drink large amounts of water. Contact a physician or poison control.

#### Inhalation

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Call a physician or a poison control center immediately.

#### Note To Physician

May decrease the Affinity of hemoglobin for Oxygen.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

**Flash Point:** N/A °F

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire.

#### Fire Fighting Instructions

Water can be used to cool and protect exposed material. Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. Accidental Release Measures

Neutralize spill area with soda ash or lime. Flood with water. Use appropriate containers to avoid environmental contamination. Use appropriate personal protective equipment (PPE).

### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children. Do not store with alkalis.

#### Handling Precautions

Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling.

#### Storage Precautions

Avoid contact with Alkalis, Amines, Metal salts of sulfides and strong oxidizers. Keep out of reach of children.

#### Work/Hygienic Practices

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

## Leisure Time Metal Gon

### 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

Clear blue liquid

#### Odor

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 212 °F

**Specific Gravity:** 1.0-1.2

**Percent Volatiles:** NOT DETERMINED

**Packing Density:** NOT DETERMINED

**Vapor Pressure:** NOT DETERMINED

**Vapor Density:** >1

**pH Factor:** 1.3-1.9

**Solubility:** Soluble in Water

**Viscosity:** NOT DETERMINED

**Evaporation Rate:** <1

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Conditions To Avoid (Stability)

Heat above 200F can cause phosphine gas.

#### Incompatible Materials

Alkalis, metal salts of sulfides and sulfites, strong oxidizers and amines.

#### Hazardous Decomposition Products

Phosphines, CO, CO<sub>2</sub>, oxides of nitrogen

### 11. Toxicological Information

#### Conditions Aggravated By Exposure

May aggravate Anemia

## Leisure Time Metal Gon

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Refer to applicable federal, state, and local regulations prior to disposition of container and residual contents.

### 14. Transport Information

#### Proper Shipping Name

Corrosive Liquid, Acidic, Organic, N.O.S. (1-Hydroxyethane-1,1-Diphosphonic Acid)

#### Hazard Class

8, PGIII (<4L Consumer Commodity ORM-D)

#### DOT Identification Number

UN3265


#### Additional Shipping Paper Description

North American Emergency Response Guide No.153

Not regulated by DOT for ground shipments [see exception for material corrosive to steel/aluminum 49CFR 173.154(d)].

### 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;">1</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">B</td> </tr> </table>	HEALTH	1	FLAMMABILITY	1	REACTIVITY	1	PERSONAL PROTECTION	B
HEALTH	1								
FLAMMABILITY	1								
REACTIVITY	1								
PERSONAL PROTECTION	B								

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 11/14/2000

#### 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).


Leisure Time





# MATERIAL SAFETY DATA SHEET

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## Leisure Time Foam Down

<b>1. Product And Company Identification</b>	
<b>Supplier</b> Leisure Time 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States <b>Telephone Number:</b> (770) 521-5999 <b>FAX Number:</b> (770) 521-5959 <b>Web Site:</b> www.poolspacare.com	<b>Manufacturer</b> Advantis Technologies, Inc. 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States <b>Telephone Number:</b> (770) 521-5999 <b>FAX Number:</b> (770) 521-5959 <b>Web Site:</b> www.poolspacare.com
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<b>Issue Date:</b> 09/01/2004 <b>Product Name:</b> Leisure Time Foam Down <b>Chemical Family:</b> Silicone Emulsion <b>Chemical Formula:</b> Proprietary <b>MSDS Number:</b> 25	
<b>2. Composition/Information On Ingredients</b>	
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).	
<b>3. Hazards Identification</b>	
<b>Primary Routes(s) Of Entry</b> Skin Contact	
<b>Eye Hazards</b> Causes eye irritation.	
<b>Skin Hazards</b> May cause skin irritation.	
<b>Ingestion Hazards</b> May be harmful if swallowed.	
<b>Inhalation Hazards</b> None normally associated with this product	
<b>First Aid (Pictograms)</b>	
	
<b>4. First Aid Measures</b>	
<b>Eye</b> In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes.	
<b>Skin</b> In case of contact, immediately flush skin with soap and plenty of water.	

## Leisure Time Foam Down


<p><b>4. First Aid Measures - Continued</b></p> <p><b>Ingestion</b> If swallowed, induce vomiting immediately. Call a physician or a poison control center immediately.</p> <p><b>Inhalation</b> If inhaled, remove to fresh air. If breathing is difficult, give oxygen.</p>
<p><b>Fire Fighting (Pictograms)</b></p> 
<p><b>5. Fire Fighting Measures</b></p> <p><b>Flash Point:</b> n/a °F</p> <p><b>Fire And Explosion Hazards</b> Burning causes oxides of carbon and silicone</p> <p><b>Extinguishing Media</b> Use the appropriate extinguishing media for the surrounding fire.</p> <p><b>Fire Fighting Instructions</b> Firefighters should wear self-contained breathing apparatus and full protective gear.</p>
<p><b>6. Accidental Release Measures</b></p> <p>Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose. Flush spill area with water.</p>
<p><b>7. Handling And Storage</b></p> <p><b>Handling And Storage Precautions</b> Keep out of reach of children. Store material in a cool and dry place.</p> <p><b>Work/Hygienic Practices</b> Use safe chemical handling procedures suitable for the hazards presented by this material.</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.</p> <p><b>Skin Protection</b> Chemical-resistant gloves.</p> <p><b>Respiratory Protection</b> None normally required.</p>
<p><b>9. Physical And Chemical Properties</b></p> <p><b>Appearance</b> Creamy white liquid</p>

## Leisure Time Foam Down

<b>9. Physical And Chemical Properties - Continued</b>
<b>Odor</b> Mild <b>Chemical Type:</b> Mixture <b>Physical State:</b> Liquid <b>Melting Point:</b> n/a °F <b>Boiling Point:</b> 212 °F <b>Specific Gravity:</b> 1.0 <b>Percent Volitales:</b> NOT ESTABLISHED <b>Vapor Pressure:</b> NOT ESTABLISHED <b>Vapor Density:</b> NOT ESTABLISHED <b>pH Factor:</b> 6-7 <b>Solubility:</b> SOLUBLE IN WATER <b>Viscosity:</b> NOT ESTABLISHED <b>Evaporation Rate:</b> NOT ESTABLISHED
<b>10. Stability And Reactivity</b>
<b>Stability:</b> Stable <b>Hazardous Polymerization:</b> Will not occur <b>Incompatible Materials</b> Strong Oxidants <b>Hazardous Decomposition Products</b> Burning causes oxides of carbon and silicone
<b>11. Toxicological Information</b>
No Data Available...
<b>12. Ecological Information</b>
No Data Available...
<b>13. Disposal Considerations</b>
Dispose in accordance with applicable federal, state and local government regulations.
<b>14. Transport Information</b>
<b>Proper Shipping Name</b> NOT REGULATED <b>Hazard Class</b> NOT REGULATED <b>DOT Identification Number</b> NONE
<b>15. Regulatory Information</b>
No Data Available...

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## Leisure Time Foam Down

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

Revision/Preparer Information  
MSDS Preparer: JHW3

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Leisure Time