

MATERIAL SAFETY DATA SHEET



Rendezvous Liquid Calcium Hardness Up

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: 05/08/2001 Product Name: Rendezvous Liquid Calcium Hardness Up CAS Number: Not Established Chemical Family: Inorganic Salt solution Chemical Formula: CaCl ₂ MSDS Number: 185			
2. Composition/Information On Ingredients			
	Ingredient Name	CAS Number	Percent Of Total Weight
	CALCIUM CHLORIDE	10043-52-4	
	POTASSIUM CHLORIDE	7447-40-7	
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 Eye Hazards Causes eye irritation tearing and blurred vision. Possible corneal injury Skin Hazards Causes skin irritation from prolonged contact Ingestion Hazards May cause nausea, vomiting, abdominal pain and diarrhea Signs And Symptoms Irritation of Eyes and Skin Conditions Aggravated By Exposure None Known			

MATERIAL SAFETY DATA SHEET

Rendezvous Liquid Calcium Hardness Up

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. Consult Physician.

Skin

Wash the affected area under tepid running water using a mild soap. Remove contaminated clothing and shoes.

Ingestion

INDUCE VOMITING. Drink large amounts of water. Contact a physician or poison control.

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. Use water to cool fire-exposed containers.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Flush spill area with water.

7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Keep containers tightly closed. Store material in a cool and dry place. Material may contain hazardous residue.

Handling Precautions

Avoid contact with eyes.

Storage Precautions

Store in a cool dry place.

Work/Hygienic Practices

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

MATERIAL SAFETY DATA SHEET**Rendezvous Liquid Calcium Hardness Up****7. Handling And Storage - Continued****Protective Clothing (Pictograms)****8. Exposure Controls/Personal Protection****Engineering Controls**

Local exhaust acceptable.

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 liquid

Odor

None

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 Density:** N/A**pH Factor:** 9-11**Solubility:** SOLUBLE IN WATER**Viscosity:** NOT DETERMINED**Evaporation Rate:** not determined**10. Stability And Reactivity****Stability:** Stable**Hazardous Polymerization:** Will not occur**Conditions To Avoid (Stability)**


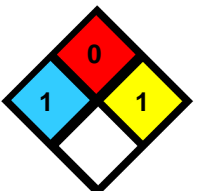
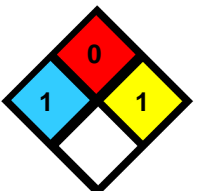
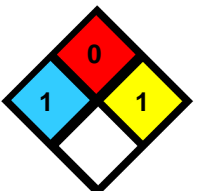
None known

Incompatible Materials

If product dehydrates, Sulfuric Acids yields hydrogen chloride gas, which is corrosive, irritating and reactive. Water reactive materials such as sodium cause an exothermic reaction. Methyl Vinyl Ether starts run away polymerization reaction. Zinc yields hydrogen gas with solutions which may explode. Metals are also incompatible.

MATERIAL SAFETY DATA SHEET

Rendezvous Liquid Calcium Hardness Up

11. Toxicological Information										
No Data Available...										
12. Ecological Information										
No Data Available...										
13. Disposal Considerations										
Dispose in accordance with applicable federal, state and local government regulations.										
14. Transport Information										
<u>Proper Shipping Name</u> NOT REGULATED <u>Hazard Class</u> NOT REGULATED <u>DOT Identification Number</u> NONE										
15. Regulatory Information										
<u>Canadian Regulatory Information</u> Class D, Div 2b - Poisonous or Infectious Material: other toxic effects										
<u>WHMIS - Canada (Pictograms)</u> 										
<table style="width: 100%; border: none;"> <tr> <td style="text-align: center; vertical-align: top;"> NFPA  </td> <td style="text-align: center; vertical-align: top;"> HMIS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00b0f0; color: black;">HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #ff0000; color: black;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ffff00; color: black;">REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #cccccc; color: black;">PERSONAL PROTECTION</td> <td style="text-align: center;">F</td> </tr> </table> </td> </tr> </table>	NFPA 	HMIS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00b0f0; color: black;">HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #ff0000; color: black;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ffff00; color: black;">REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #cccccc; color: black;">PERSONAL PROTECTION</td> <td style="text-align: center;">F</td> </tr> </table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	F
NFPA 	HMIS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00b0f0; color: black;">HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #ff0000; color: black;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ffff00; color: black;">REACTIVITY</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #cccccc; color: black;">PERSONAL PROTECTION</td> <td style="text-align: center;">F</td> </tr> </table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	1	PERSONAL PROTECTION	F	
HEALTH	1									
FLAMMABILITY	0									
REACTIVITY	1									
PERSONAL PROTECTION	F									
16. Other Information										
<u>Revision/Preparer Information</u> MSDS Preparer: JHW3 This MSDS Superceeds A Previous MSDS Dated: 03/09/2001										
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										