



MATERIAL SAFETY DATA SHEET

Leisure Time Renew

1. Product And Company Identification	
<u>Supplier</u> 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	<u>Manufacturer</u> 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
<u>Supplier Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300	<u>Manufacturer Emergency Contacts & Phone Number</u> CHEMTREC - DAY OR NIGHT: (800) 424-9300
Issue Date: 05/04/2001 Product Name: Leisure Time Renew CAS Number: Not Established Chemical Family: Peroxygen Salt Chemical Formula: Proprietary MSDS Number: 22	

2. Composition/Information On Ingredients			
	Ingredient Name	CAS Number	Percent Of Total Weight
	MAGNESIUM CARBONATE	546-93-0	
	POTASSIUM BISULFATE	7646-93-7	
	POTASSIUM PEROXYMONOSULFATE	10058-23-8	
	POTASSIUM SULFATE	7778-80-5	
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
<u>Primary Routes(s) Of Entry</u> Skin Contact <u>Eye Hazards</u> Causes severe eye burns. <u>Skin Hazards</u> Causes skin irritation.

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3. Hazards Identification - Continued

Ingestion Hazards

If ingested, get immediate medical attention.

Inhalation Hazards

Causes respiratory tract irritation. May cause severe allergic respiratory reaction.

Signs And Symptoms

Irritant to eyes and skin due to oxidizing properties

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

Wash affected areas with soap and water.

Ingestion

DO NOT INDUCE VOMITING. Drink large amounts of water. Call a physician or a poison control center immediately.

Inhalation

If inhaled, remove to fresh air.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: N/A °F

Extinguishing Media

In case of fire, soak (flood) with water.

Fire Fighting Instructions

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

GRINDING OR INTENSIVE MIXING MAY GENERATE SUFFICIENT HEAT TO FUSE PRODUCT AND CAUSE IGNITION OF OXIDIZABLE MATERIAL PRESENT.

6. Accidental Release Measures

Clean up spill immediately. Flush spill area with water in compliance with State and Federal Regulations.

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Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions

Keep out of reach of children. Store material in a cool and dry place.

Handling Precautions

Avoid breathing dust or vapor. Avoid contact with skin and clothing. Avoid contact with eyes.

Storage Precautions

Do not store with combustible materials. Avoid contact with Alkalis. Keep away from heat. Keep out of reach of children.

Work/Hygienic Practices

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

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

The level of respiratory protection needed should be based on the required protection factor after evaluating chemical exposures using appropriate industrial hygiene monitoring and/or OSHA guidance.

Ingredient(s) - Exposure Limits

MAGNESIUM CARBONATE
ACGIH TLV-TWA 10 mg/m³
OSHA PEL-TWA 15 mg/m³
OSHA PEL-TWA 5 mg/m³

9. Physical And Chemical Properties

Appearance

White granules or powder

Odor

None

Chemical Type: Mixture

Physical State: Solid

Melting Point: DECOMPOSES °F

Boiling Point: DECOMPOSES °F

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9. Physical And Chemical Properties - Continued

Odor - Continued

Specific Gravity: 1.1-1.4

Molecular Weight: PROPRIETARY

Percent Volitales: NIL

Vapor Pressure: NIL

Vapor Density: NOT VOLATILE

Solubility: >25% AT 20C (68F)

Evaporation Rate: NOT VOLATILE

Corrosive, Oxidizer

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

Avoid contact with alkalis and heat. Heavy metals cause evolution of oxygen gas. Certain organic materials may react violently.

Incompatible Materials

Alkalis, Heavy Metals cause evolution of Oxygen gas. Certain Organic materials may react violently

Hazardous Decomposition Products

Oxygen

11. Toxicological Information

Acute Inhalation Effects

4 Hour LC50 >5mg/1kg in Rats

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name

CORROSIVE SOLID, ACIDIC, INORGANIC ,N.O.S.
(Monopersulfate Compound)

Hazard Class

8,PGIII (<=5kg Consumer Commodity ORM-D)

DOT Identification Number

UN3260

DOT (Pictograms)



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15. Regulatory Information

Ingredient(s) - State Regulations

MAGNESIUM CARBONATE
Pennsylvania - Workplace Hazard
POTASSIUM BISULFATE
New Jersey - Workplace Hazard
New Jersey - Special Hazard
New York City - Hazardous Substance

Canadian Regulatory Information

Class D, Div 2b - Poisonous or Infectious Material: other toxic effects
Class E - Corrosive Material
Class C - Oxidizing Material

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	1
PERSONAL PROTECTION	E

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW3

Disclaimer

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