



# MATERIAL SAFETY DATA SHEET

## Applied Biochemists Removit

<b>1. Product And Company Identification</b>	
<u>Supplier</u> <b>Applied Biochemists</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b>  <b>Telephone Number:</b> (770) 521-5999 <b>FAX Number:</b> (770) 521-5959 <b>Web Site:</b> www.poolspacare.com	<u>Manufacturer</u> <b>Advantis Technologies Inc.</b> <b>1400 Bluegrass Lakes Parkway</b> <b>Alpharetta, GA 30004 United States</b>  <b>Telephone Number:</b> (770) 521-5999 <b>FAX Number:</b> (770) 521-5959 <b>Web Site:</b> www.poolspacare.com
<u>Supplier Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>	<u>Manufacturer Emergency Contacts &amp; Phone Number</u> <b>CHEMTREC - DAY OR NIGHT: (800) 424-9300</b>
<b>Issue Date:</b> 04/16/2001  <b>Product Name:</b> Applied Biochemists Removit <b>CAS Number:</b> Not Established <b>Chemical Family:</b> Stain Remover and Preventer <b>Chemical Formula:</b> Proprietary <b>MSDS Number:</b> 82	

<b>2. Composition/Information On Ingredients</b>			
	Ingredient Name	CAS Number	Percent Of Total Weight
	CITRIC ACID	77-92-9	
	SODIUM CHLORIDE	7647-14-5	
	SODIUM HEXAMETAPHOSPHATE	10124-56-8	
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>
<u>Primary Routes(s) Of Entry</u> Skin Contact  <u>Eye Hazards</u> Causes eye irritation. Possible eye burns, conjunctivitis, ulceration and permanent cloudiness.  <u>Skin Hazards</u> May causes skin irritation.  <u>Ingestion Hazards</u> May be harmful if swallowed. Can cause acute gastrointestinal irritation with abdominal pain.  <u>Inhalation Hazards</u> May cause respiratory tract irritation, sore throat, coughing, and shortness of breath.  <u>Signs And Symptoms</u> Concentrated product may irritation to the eyes and respiratory tract. Ingestion may cause gastrointestinal irritation.

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### 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**

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

#### **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

#### **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.

### **6. Accidental Release Measures**

Sweep up and remove immediately. Avoid release to the environment.

### **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.

#### **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.

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### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use with adequate general and local exhaust ventilation.

#### 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.

### 9. Physical And Chemical Properties

#### Appearance

White Powder

#### Odor

Mild

**Chemical Type:** Mixture

**Physical State:** Solid

**Melting Point:** 153 °C

**Specific Gravity:** 1.4-1.6

**Packing Density:** Bulk density 650-950 kg/m<sup>3</sup>

**Vapor Pressure:** NOT VOLATILE

**Vapor Density:** N/A

**pH Factor:** 1.8 At a Concentration Of 5% solution in water

**Solubility:** 576 g/kg

**Evaporation Rate:** NOT ESTABLISHED

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Hazardous Decomposition Products

None known

### 11. Toxicological Information

#### Ingredient(s) - Toxicological Data

CITRIC ACID

LD50 p.o. rat 11,700 mg/kg

LD50 l.p. rat 885 mg/kg

LD50 p.o. mouse 5,040 mg/kg

LD50 l.p. mouse 961 mg/kg

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### 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

NOT REGULATED

#### Hazard Class

NOT REGULATED

#### Secondary Hazard Class

NOT REGULATED

#### DOT Identification Number

NONE

#### DOT Shipping Label

NOT ASSIGNED

#### Freight Class

NOT REGULATED

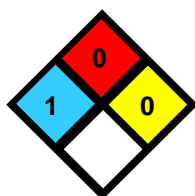
#### Packaging Requirements

NOT ASSIGNED

### 15. Regulatory Information

No Data Available...

#### NFPA



#### HMIS

HEALTH	1
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	A

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 09/14/2000

#### Disclaimer

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Applied Biochemists