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# **Ultima Clean and Refresh**

1. Product And Company Identification			
Supplier Advantis Technologies, Inc. 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States	Manufacturer 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>Telephone Number:</b> (770) 521-5999 <b>FAX Number:</b> (770) 521-5959		
Web Site: www.poolspacare.com	Web Site: www.poolspacare.com		

<u>Supplier Emergency Contacts & Phone Number</u>
CHEMTREC - DAY OR NIGHT: (800) 424-9300

Manufacturer Emergency Contacts & Phone Number
CHEMTREC - DAY OR NIGHT: (800) 424-9300

Issue Date: 09/13/2004

**Product Name:** Ultima Clean and Refresh **Chemical Name:** Acid surfactant cleaner

Chemical Family: Acid

Chemical Formula: Proprietary Mixture

MSDS Number: 326

# 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of TotalWeight
CITRICACID	77-92-9	
SODIUMBISULFATE	7681-38-1	
SODIUMCHLORIDE	7647-14-5	

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).

# **EMERGENCY OVERVIEW**

Corrosive to eyes skin and respiatory tract.

# **Hazards Identification (Pictograms)**



# 3. Hazards Identification

# Primary Routes(s) Of Entry

Skin Contact

### **Eye Hazards**

Causes eye irritation.

# Skin Hazards

May cause skin irritation.

### 3. Hazards Identification - Continued

# **Ingestion Hazards**

Harmful if swallowed.

### **Inhalation Hazards**

May cause respiratory tract irritation.

# Signs And Symptoms

Irritation of Eyes, Skin and Respiratory Passages

# First Aid (Pictograms)



### 4. First Aid Measures

### Eve

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

In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes.

### Ingestion

DO NOT INDUCE VOMITING. Call a physician or a poison control center immediately. If victim is fully conscious, give one or two cups of water or milk to drink.

### Inhalation

If breathing is difficult, give oxygen. If inhaled, remove to fresh air.

# Fire Fighting (Pictograms)



# 5. Fire Fighting Measures

Flash Point: N/A °F

### Fire And Explosion Hazards

At temperatures over 806F (430C), product will decompose generating oxides of sulfur.

# **Extinguishing Media**

Use the appropriate extinguishing media for the surrounding fire.

### Fire Fighting Instructions

Product readily dissolves in water to form a weak acid solution. If using water, wear protective equipment. No gases or toxic fumes are emitted from this reaction. However, if elevated temperatures (>806F) are reached, firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material.

### 6. Accidental Release Measures

Clean up spill immediately. Neutralize spill area with soda ash or lime. Flush spill area with water. Use appropriate containers to avoid environmental contamination.

# 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. Keep containers tightly closed.

# **Handling Precautions**

Use only with adequate personal protection.

# **Storage Precautions**

Store in a cool dry place.

# **Work/Hygienic Practices**

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

Avoid contact with eyes. Solutions of this material are acidic and strongly irritating. Will attack most metals.

# **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**

White Granular

# <u>Odor</u>

Slightly Acidic

Chemical Type: Mixture Physical State: Solid Melting Point: n/a °F Specific Gravity: 1.274

Molecular Weight: NOT DETERMINED Percent Volitales: NOT DETERMINED Vapor Pressure: NOT DETERMINED

pH Factor: 2.0 At a Concentration Of 1% solution in water

### 10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

# 10. Stability And Reactivity - Continued

### **Conditions To Avoid (Stability)**

Do not store dry product where exposed to moist conditions.

### **Incompatible Materials**

Oxidizers, Cyanides, Sulfides, Strong Alkaline or caustic material.

# **Hazardous Decomposition Products**

Only if heated over 806F (430C), at which sulfur dioxide and sulfur trioxide are formed.

# 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

# Proper Shipping Name

**NOT REGULATED** 

### **Hazard Class**

NOT REGULATED

### DOT Identification Number

NONE

## 15. Regulatory Information

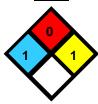
# Ingredient(s) - State Regulations

SODIUM BISULFATE

New Jersey - Workplace Hazard New Jersey - Special Hazard

New York City - Hazardous Substance

### **NFPA**



# HMIS HEALTH 1 FLAMMABILITY 0 REACTIVITY 1 PERSONAL PROTECTION B

### 16. Other Information

**Revision/Preparer Information** 

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 05/05/2004

# **Disclaimer**

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**Disclaimer - Continued** 

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