

# MATERIAL SAFETY DATA SHEET

## All Clear Clarifier

### 1. Product And Company Identification

<b>Supplier</b> Aqua Tri 17872 Mitchell No. Suite 250 Irvine, CA 92614-6034 United States  Telephone Number: (949) 474-7707 FAX Number: (949) 474-7024	<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

Issue Date: 07/15/2003

**Product Name:** Clarifier  
**Chemical Name:** Cationic Polyamide in water  
**Chemical Family:** Cationic polymer  
**Chemical Formula:** Proprietary  
**MSDS Number:** 298

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
Polydimethylidiallyammoniu@chloride	26062-79-3	

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**  
Eye Contact, Skin Contact

**Eye Hazards**  
May cause eye irritation.

**Skin Hazards**  
May cause skin irritation.

**Ingestion Hazards**  
May be harmful if swallowed.

**Inhalation Hazards**  
May cause respiratory tract irritation.

**Signs And Symptoms**  
Irritant to eyes and skin

### First Aid (Pictograms)



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### 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.

#### Skin

Wash affected areas with soap and water.

#### 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

#### Fire And Explosion Hazards

Excess heat with prolonged evaporation can result in emission of toxic fumes. Dried material can burn to give off oxides of carbon, nitrogen and hydrogen chloride.

#### 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. Spills will cause very slippery conditions

### 6. Accidental Release Measures

Contain and/or absorb spill with inert material (e.g. sand, vermiculite).

### 7. Handling And Storage

#### Handling And Storage Precautions

Keep out of reach of children.

#### Handling Precautions

Avoid contact with skin and clothing.

#### Storage Precautions

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

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### 8. Exposure Controls/Personal Protection - Continued

#### 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

#### Odor

Mild

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** n/a °F

**Boiling Point:** 212 °F

**Specific Gravity:** 1.02

**Molecular Weight:** Proprietary

**Percent Volatiles:** Negligible

**Packing Density:** Not Determined

**Vapor Pressure:** Not Determined

**Solubility:** Soluble in water

**Viscosity:** Not Determined

**Evaporation Rate:** <1

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** will not occur

#### Hazardous Decomposition Products

The dried material can burn to give off oxides of carbon, hydrogen and hydrogen chloride.

### 11. Toxicological Information

No Data Available...

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Refer to applicable local, state and federal regulations as well as industry standards.

### 14. Transport Information

#### Proper Shipping Name

NOT REGULATED

#### Hazard Class

NOT REGULATED

#### DOT Identification Number

NONE

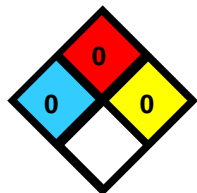
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### 15. Regulatory Information

No Data Available...

#### NFPA



#### HMIS

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW3

This MSDS Superceeds A Previous MSDS Dated: 12/06/2002

#### Disclaimer

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