



MATERIAL SAFETY DATA SHEET

Applied Biochemists Staintrine

1. Product And Company Identification			
Supplier Applied Biochemists 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: 01/17/2003 Product Name: Applied Biochemists Staintrine Chemical Name: Multi Purpose Cleaner CAS Number: Not Established Chemical Formula: Proprietary Mixture MSDS Number: 102			
2. Composition/Information On Ingredients			
	Ingredient Name	CAS Number	Percent Of Total Weight
	1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONICACID	2809-21-4	
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 Hazards Causes irreversible eye damage.			
Skin Hazards May causes permanant skin damage.			
Ingestion Hazards Corrosive to mouth, esophagus and stomach. If ingested, get immediate medical attention			
Inhalation Hazards Causes respiratory tract irritation.			
Signs And Symptoms Irritation of Eyes and Respiratory Passages			

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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. Get medical attention immediately.

Skin

In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

Ingestion

DO NOT INDUCE VOMITING. Give milk or water to dilute stomach contents if person is conscious. Contact a physician or poison control.

Inhalation

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

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

Material will not burn. Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Clean up spill immediately. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Flush spill area with water. Use appropriate containers to avoid environmental contamination.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions

Keep container closed. Keep out of reach of children. Store material in a cool and dry place. Do not pressurize cut heat or weld containers, Do NOT reuse containers without commercial cleaning.

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

Local exhaust acceptable. Special exhaust not required

Eye/Face Protection

Safety glasses with side shields or goggles.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

General room ventilation is normally adequate.

9. Physical And Chemical Properties

Appearance

Clear liquid

Odor

Detergent

Chemical Type: Mixture

Physical State: Liquid

Melting Point: n/a °F

Boiling Point: 215 °F

Specific Gravity: 1.1-1.3

Molecular Weight: NOT DETERMINED

Percent Volatiles: NOT DETERMINED

pH Factor: 1-3

Solubility: SOLUBLE IN WATER

Corrosive

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Conditions To Avoid (Stability)

Avoid contact with common metals. May produce hydrogen gas.

Incompatible Materials

Oxidizing agents and Alkalis

Hazardous Decomposition Products

Phosphines, CO, CO₂ and oxides of nitrogen

11. Toxicological Information

Acute Studies

Concentrated product corrosive to skin and mucous membranes

12. Ecological Information

No Data Available...

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12. Ecological Information - Continued

Acute Toxicity - Fish And Invertebrates

96 Hr LC50 Bluegill=868 mg/l
96 Hr LC50 Rainbow Trout=368 mg/l
48 Hr EC50 Daphnia Magna=527 mg/l

13. Disposal Considerations

Discarded product would be considered a RCRA hazardous waste. Refer to applicable local, state and federal regulations as well as industry standards.

14. Transport Information

Proper Shipping Name

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Hydroxyethylidene 1,1-diphosphonic Acid)

Hazard Class

8, PGIII (<=4L Consumer Commodity ORM-D)

DOT Identification Number

UN3265

DOT (Pictograms)



15. Regulatory Information

Canadian Regulatory Information

Class B - Combustible or Flammable Material,
Class D, Div 2b - Poisonous or Infectious Material: other toxic effects,
Class E - Corrosive Material

NFPA



HMIS

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	C

16. Other Information

Precautionary Label

Corrosive

Revision/Preparer Information

MSDS Preparer: JHW

This MSDS Superceeds A Previous MSDS Dated: 11/03/2000

Disclaimer

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Disclaimer - Continued

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