

# Material Safety Data Sheet

## SECTION I - MANUFACTURER'S INFORMATION

**Manufacturer's Name:** Guardian-IPCO, Inc.  
6606 Cahaba Valley Road  
Birmingham, AL 35242

**Emergency Telephone Number:** 205/991-5316

**Chemical Name and Synonyms:** N/A

**Trade Name and Synonyms:** GI #570 Boiler Water Treatment

**Chemical Family:** Blend

**SECTION II** - HAZARDOUS INGREDIENTS: Listed below:  X  
Not applicable: \_\_\_\_\_

| <u>Component</u>                                  | <u>Percentage</u> | <u>CAS NO.</u> |
|---|-------------------|----------------|
| Potassium Hydroxide, 45 %                         | > 1.0             | 1310-58-3      |
| Amino Tri(Methylene Phosphonic Acid)              | >1.0              | 6419-19-8      |
| Poly (acrylic acid-co-hypophosphite), Sodium Salt | >1.0              | 71050-62-9     |
| Polymaleic Acid                                   | >1.0              | 26099-09-2     |

## SECTION III - PHYSICAL DATA

Boiling Point (Fahrenheit): Not established      Specific Gravity: 1.13 - 1.14  
Vapor Pressure (mm Hg): Not established      Percent Volatile by Volume: N/A  
Vapor Density (Air=1): Not established      Solubility in Water: Complete  
Appearance and Odor: Clear, amber liquid, slight odor.

**SECTION IV:** - FIRE & EXPLOSION DATA: Listed below: \_\_\_\_\_  
Not applicable:  X

Flash Point (Method Used): N/A

Flammable Limits: Lel: N/A      Uel: N/A

Extinguishing Media: Water, carbon dioxide, dry chemicals

Special Fire Fighting Procedures & Unusual Fire and Explosion Hazards:  
None

**SECTION V:** - HEALTH HAZARD DATA: Listed below:   X    
Not applicable:       

Threshold Limit Value: Not established      TXDS: Not established

Effects of Overexposure:

Eyes: Destructive to eye tissue on contact. Will cause severe burns that result in damage to the eyes and blindness.

Skin: Can cause severe burns. Destructive to tissue.

Ingestion: Can cause severe burns and complete tissue perforation of mucous membranes of the mouth, throat, esophagus, and stomach if swallowed.

Inhalation: Concentrated mist or spray may cause damage to the upper respiratory tract and even to the lung tissue proper, which could produce chemical pneumonia, depending upon the severity of the exposure.

Emergency and First Aid Procedures:

Eyes: Flush with water 15 minutes even if minute quantities enter the eye. Seek medical attention.

Skin: Wash affected area with soap and water and remove contaminated clothing. Seek medical attention if irritation persists.

Ingestion: **Do not induce vomiting.** Give 2 fl. oz. vinegar diluted with 2 oz water. Seek medical attention.

**SECTION VI:** - REACTIVITY DATA

Stability:              Stable:   X        Unstable:       

Incompatibility (Materials to avoid): Strong acids. Avoid contact with aluminum, leather, wool, tin, zinc, and alloys containing these materials.

Hazardous Decomposition Products: None

**SECTION VII:** - SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: **Large spill :** Contain and dilute with dilute acid. Flush with large amounts of water followed by liberal covering of sodium bicarbonate for removing last traces.

Waste Disposal Method: Follow all local, state, and federal regulations.

**SECTION VIII:** - SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH-approved respirator for mist.

Ventilation:

Local exhaust: N/A

Special: N/A

Mechanical: N/A

Other: N/A

Protective Gloves: Rubber

Eye Protection: Goggles

Other Protective Equipment: Rubber apron and safety boots.

**SECTION IX:** - SPECIAL PRECAUTIONS: Store drums in a cool, dry area. Keep containers closed when not in use.

*This Material Safety Data Sheet has been prepared in accordance with 29 CFR Part 1910.1200. It contains information that we believe to be true and complete at the date of preparation. However, no warranty is expressed or implied. Advice given under "Waste Disposal" assumes compliance with Federal, State and Local regulations regarding the disposal of hazardous waste. Any use of this product or method of application which is not described in the Product Data Sheet is the responsibility of the user.*

Prepared by Jay Mullis/Cindy Davidson, Chemist, January 96