

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 #145 Cooling 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
1-Hydroxyethane-1, 1 diphosphonic acid	> 1.0	2809-21-4

SECTION III - PHYSICAL DATA

Boiling Point (Fahrenheit): Not established Specific Gravity: 1.056
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, water white to pale yellow 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 chemical

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: May cause severe irritation.

Skin: Can cause irritation in sensitive individuals.

Ingestion: Can cause irritation to gastro-intestinal tract.

Emergency and First Aid Procedures:

Eyes: Flush with water 15 minutes. Seek medical attention.

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

Ingestion: Give 2 fl. oz. vinegar with 2 fl. oz. water and seek medical attention immediately.
Do not induce vomiting.

SECTION VI: - REACTIVITY DATA

Stability: Stable: X Unstable: _____

Incompatibility (Materials to avoid): Strong acids or bases

Hazardous Decomposition Products: Carbon monoxide, phosphorus oxides, phosphine

SECTION VII: - SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: **Large spill:** Contain and collect.
Treat remainder as small spill. **Small spill:** Flush to drain with large amounts of water.

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

SECTION VIII: - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None Required

Ventilation:

Local exhaust: recommended 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 2000