



CHEM PRO LABORATORY, INC.

CHEMICAL ENGINEERS

MATERIAL SAFETY DATA SHEET

Section I - PRODUCT IDENTIFICATION			
Manufacturer's Name	Chem Pro Laboratory, Inc.	Trade Name	Chem Pro Copper Inhibitor
Address	941 West 190th Street	Common Name	Azole Blend
City, State and zip	Gardena, CA 90248-4398	Reference or Preparer	Mike Bortnik/Keith A Johnson
Telephone	(310) 532-8611	Date Prepared	2/23/2004 (Reviewed)

Section II - HAZARDOUS INGREDIENTS				FOR EMERGENCIES CONTACT 1-800-424-9300(CHEMTREC)		
Chemical Names	CAS Numbers	Percent	Exposure limits in air:			
			ACGIH (TLV)	OSHA (PEL)	Others	
Tolyltriazole, Sodium Salt		10%	None established			
Sodium Hydroxide	1310-73-2	<0.5	TWA=2mg/m ³			

Section III - PHYSICAL AND CHEMICAL CHARACTERISTICS			
Melting Point, °F	Not applicable	Specific Gravity	1.04 at 25° C
Boiling Point, °F	100° C	Solubility in Water	Miscible in all proportions
Vapor Pressure, mm Hg @ 20 °C	0.04 mm	Percent Volatile	90%
Vapor Density (Air=1)	Not applicable	Reactivity in Water	N/A
Evaporation Rate (Water=1)	Not applicable	pH (units)	12.1
Appearance and Odor	Clear, yellow to amber solution, nearly odorless.		
How to detect Presence: (Warning Properties)	Yellow to amber solution.		

Section IV - FIRE AND EXPLOSION DATA			
Flash Point, °F (Method Used)	Not applicable	Auto Ignition Temperature, °F	Not applicable
Flammable Limits - LEL Lower:	Not applicable	UEL Upper:	Not applicable
Fire Extinguishing Materials:	N/A		
Water Spray	()	Foam	()
Carbon Dioxide	()	Dry Chemical	()
Others	()		
Special Fire Fighting Procedures:	Full protective equipment including self-contained breathing apparatus should be used when copper inhibitor is present during a fire. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.		
Unusual Fire or Explosion Hazards:	Closed containers may rupture or explode due to steam pressure build-up when exposed to extreme heat. Water may be used to cool closed containers.		

The data in this material safety data sheet is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, Chem Pro Laboratory, Inc. MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should have relative technical skills and satisfy himself that he has all current data relevant to his particular product and its applications.

Section V - HEALTH HAZARDS

Health Effects or Risk from Exposure

Acute: **It is an irritant.**Chronic: **Prolonged contact can be damaging to tissue.****Symptoms of Over-exposure**

1. Inhaled: **Can cause severe irritation, damage to delicate tissue.**
2. Contact With skin or Eyes: **May severely damage delicate eye tissue. Can cause severe irritation.**
3. Absorption Through skin: **Corrosive. It is an irritant. Prolonged contact can be destructive to tissue.**
4. Swallowed: **Can cause severe irritation, damage to tissue.**

FIRST AID: Emergency Procedures

1. Eye Contact: **Flush eyes with large amounts of water for 15 minutes. Get medical attention.**
2. Skin Contact: **Wash affected area with soap and water. Remove contaminated clothing, rings, etc.**
3. Inhaled: **If affected, remove from exposure. Restore breathing. Keep warm and quiet.**
4. Swallowed: **Never give anything by mouth to an unconscious person. Do not induce vomiting. Give large amounts of water, vinegar 1:4 or lemon juice. Follow with milk. Seek medical attention.**

Suspected cancer agent: **Not known.** This Product's Ingredients Are Not Found In The List:

No () Yes () Federal OSHA () NTP () IARC () Cal-OSHA ()

Medical Conditions Aggravated By Exposure:

N/A

Section VI - REACTIVITY DATAStability: **Stable (x) Unstable ()**

Conditions to Avoid:

Oxidizing agents, strong acids.

Hazardous Decomposition Products:

By fire: Carbon dioxide, Carbon monoxide, nitrogen oxides, HCN possible in reducing atmospheres.Hazardous Polymerization: **May Occur () Will Not Occur (x)****Section VII - SPILL OR LEAK PROCEDURES**

Spill Response Procedures:

Pick up spill on suitable absorbent material. Flush spill area with water.

Preparing Wastes For Disposal:

Sanitary landfill or incinerate in approved facilities in accordance with local, state, and federal regulations regarding pollution. Do not heat or incinerate in closed containers.**Section VIII - SPECIAL HANDLING INFORMATION**Respiratory Protection: **If personal exposure cannot be controlled below applicable exposure limits use ventilation, wear respiratory devices approved by NIOSH/OSHA for protection against organic vapors, dust, fumes and mists.**Ventilation: **Local Exhaust () Mechanical (general) (X) Special: Other:**Protective Gloves: **Rubber gloves** Eye Protection: **Goggles or safety glasses**Other Protective clothing or Equipment: **Rubber apron or similar protective clothing to prevent contact with skin or clothes.**Work/Hygiene Practices: **Maintain good personal hygienic practices.****Section IX - LABELING, SPECIAL PRECAUTIONS**

N/A

HMIS Ratings: **Health: 1 Flammability: 0 Reactivity: 0**Special Precaution: **Keep containers tightly closed when not in use. Store only in containers which are resistant to caustic solutions.**