



Section 1 - Identification

Product Name: CPL 3210
Alternate Name: Acidic Inhibitor With Zinc Not For Copper Systems
Recommended Use: Cooling tower water treatment
Manufacturer: Chem Pro Laboratory, Inc., 941 W 190th St, Gardena CA 90248, 310-532-8611
ChemTrec: 800-424-9300 (Transportation Spill Response 24 hours)

Section 2 - Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

DANGER



Toxic if inhaled

May cause cancer

Causes severe skin burns and serious eye damage

Avoid breathing dust/fume/gas/mist/vapors/spray.

Do not breathe dusts or mists.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Use only outdoors or in a well-ventilated area.

Wash contacted areas thoroughly after handling.

Wear eye and face protection, and protective gloves and clothing.

IF EXPOSED OR CONCERNED: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center or doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash skin with plenty of water. Wash contaminated clothing before reuse.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Store in a well-ventilated place. Keep container tightly closed, locked up.

Dispose of contents/container in accordance with federal, state, and local regulations.

Section 3 - Composition/information on ingredients

Chemical Name	CAS Number	Percent
sulfuric acid	7664-93-9	5-10%
maleic acid copolymer	113221-69-5	5-10%
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	1-5%
aminotri(methylenephosphonic acid) (ATMP)	6419-19-8	1-5%
zinc oxide	1314-13-2	<1%



Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation	Remove subject to fresh air. Seek medical attention.
Eye Contact	Immediately flush eyes with large amounts of water for at least 15 minutes. Washing eyes within one minute is essential. Seek medical attention immediately.
Skin Contact	Immediately flush contacted area with large amounts of water. Remove contaminated clothing and wash before reuse.
Ingestion	Do not induce vomiting. Give large quantities of water, milk, or milk of magnesia.
Symptoms of Overexposure:	
Inhalation	Can cause mild irritation of the mucous membranes to severe pneumonitis depending on severity of exposure.
Contact with Skin or Eyes	Destructive to eye tissue on contact. Will cause severe burns. May cause blindness.
Absorption Through Skin	Destructive to tissues contacted; may produce severe burns.
Ingestion	Can cause severe burns and complete perforation of mucous membranes of the mouth, throat, and stomach. May be fatal.

Section 5 - Fire-fighting measures

Extinguishing Media	water spray, dry chemical, appropriate foam
Fire Fighting Procedure	Wear full protective clothing and use self contained breathing apparatus.
Unusual Fire/Explosion Hazard	Thermal decomposition may yield oxides of carbon, zinc oxide.
Hazardous Combustion Products	Substance is noncombustible

Section 6 - Accidental release measures

Spill Response Procedure	Contain spill and dilute with water. Neutralize with soda ash if available. Collect with appropriate absorbent such as vermiculite, sand or sawdust. Place in appropriately marked container.
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Section 7 - Handling and storage

Handling Precautions	No special handling procedures are required.
Storage Conditions	Store in a cool dry place. Keep container tightly sealed in a dry and ventilated area. Do not store unopened containers in direct sunlight for extended periods.

Section 8 - Exposure controls/personal protection

Chemical Name	OSHA PEL	ACGIH TLV
sulfuric acid	1 mg/m ³ TWA	0.2 mg/m ³ TWA
maleic acid copolymer	not listed	not listed
hydroxyphosphonoacetic acid (HPAA)	1 mg/m ³ TWA, 3 mg/m ³ STEL	1 mg/m ³ TWA, 3 mg/m ³ STEL
aminotri(methylenephosphonic acid) (ATMP)	1 mg/m ³ TWA, 3 mg/m ³ STEL	1 mg/m ³ TWA, 3 mg/m ³ STEL
zinc oxide	15 mg/m ³ TWA	2 mg/m ³ TWA, 10 mg/m ³ STEL
Ventilation	Mechanical (general) exhaust required.	
Respiratory Protection	Not necessary under normal use conditions.	



Protective Gloves	Impermeable gloves.
Eye Protection	Face shield and splash proof goggles.
Other Protective Equipment	Impermeable boots and coveralls or apron. Emergency eyewash.
Work / Hygienic Practices	Protect containers from extreme temperatures. Do not transfer to aluminum or galvanized containers.

Section 9 - Physical and chemical properties

Appearance	Light tan liquid	Vapor Pressure @20°C	Like Water
Odor	Odorless	Vapor Density	Like Water
Odor Threshold	Not Determined	Specific Gravity	1.10-1.20
pH	<1.0	Solubility in Water	Complete
Melting Point, °F	N/A	Partition Coefficient	Not Determined
Boiling Point, °F	212 deg F	Auto Ignition Temp, °F	Non Flammable
Flash Point, °F	Not Flammable	Decomposition Temp, °F	Not Determined
Evaporation Rate	Like Water	Viscosity	Not Determined
Flammability Limits	N/A	Percent Volatile	N/A

Section 10 - Stability and reactivity

Reactivity	in water: N/A
Stability	stable under normal conditions
Conditions to Avoid	N/A
Incompatible Materials	Strong alkali
Hazardous Decomposition Products	Thermal decomposition may yield oxides of carbon, zinc oxide.
Hazardous Polymerization	Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry	inhalation, skin or eye contact, ingestion
Acute Exposure Symptoms	Strong irritant
Chronic Exposure Effects	Not Established
Medical Conditions Aggravated By Exposure	N/A

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
sulfuric acid	7664-93-9	2140 mg/kg	no data	0.320 mg/L
maleic acid copolymer	113221-69-5	3870 mg/kg	no data	no data
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	2750	no data	no data
aminotri(methylenephosphonic acid) (ATMP)	6419-19-8	no data	no data	no data
zinc oxide	1314-13-2	7950 mg/kg	no data	no data

Carcinogenicity:

Ingredients are on the following lists of suspected or known carcinogens:

Chemical Name	CAS Number:	IARC	NTP	OSHA
sulfuric acid	7664-93-9	Yes	Yes	Yes
maleic acid copolymer	113221-69-5	No	No	No



hydroxyphosphonoacetic acid (HPAA)	23783-26-8	No	No	No
aminotri(methylenephosphonic acid) (ATMP)	6419-19-8	No	No	No
zinc oxide	1314-13-2	No	No	No

Section 12 - Ecological information

Overview: No data

Section 13 - Disposal considerations

Preparing Waste For Disposal Dispose of in accordance with local, state, and federal regulations for liquid and solid wastes.

Section 14 - Transport information

DOT Shipping UN2796, SULFURIC ACID SOLUTION, 8, PG II

Section 15 - Regulatory information

California Proposition 65 This product contains chemicals listed by California proposition 65.

HMIS Ratings Health: 3, Flammability: 0, Reactivity: 1

Section 16 - Other information

Date Prepared 5/22/2015

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