



Section 1 - Identification

Product Name: CPL 3812
Alternate Name: TES System Treatment (Multi-Metal Corrosion Inhibitor No Azole)
Recommended Use: Closed system 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



Harmful if swallowed

Causes severe skin burns and serious eye damage

Do not breathe dusts or mists.

Do not eat, drink or smoke when using this product.

Wash contacted areas thoroughly after handling.

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

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: Immediately call a poison center or doctor. Rinse mouth. Do NOT induce vomiting.

Store 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
poly(acrylic acid-phosphinocarboxylic acid) sodium salts	proprietary	10-20%
polyamine/amine phosphonate	proprietary	10-20%
sodium hydroxide	1310-73-2	5-10%

Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation Remove victim to fresh air; get medical attention when necessary.

Eye Contact Flush with large quantities of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.

Skin Contact Wash exposed area with soap and plenty of water.

Ingestion Do not induce vomiting; dilute by giving milk or water if conscious. Get medical attention



immediately.

Symptoms of Overexposure:

Inhalation Mist or aerosols may cause irritation of upper respiratory tract.
Contact with Skin or Eyes Skin and eye irritation.
Absorption Through Skin N/A
Ingestion No data available.

Section 5 - Fire-fighting measures

Extinguishing Media dry chemical
Fire Fighting Procedure N/A
Unusual Fire/Explosion Hazard N/A
Hazardous Combustion Products Substance is noncombustible

Section 6 - Accidental release measures

Spill Response Procedure Small spills, wash down with water and dispose to sanitary sewer.

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
poly(acrylic acid-phosphinocarboxylic acid) sodium salts	not listed	not listed
polyamine/amine phosphonate	not listed	not listed
sodium hydroxide	2 mg/m3 TWA	2 mg/m3 (C)

Ventilation Mechanical (general) exhaust required.
Respiratory Protection Not necessary under normal use conditions.
Protective Gloves Rubber or impermeable gloves.
Eye Protection Chemical safety goggles.
Other Protective Equipment Not required under normal conditions.
Work / Hygienic Practices Immediately remove contaminated clothing and wash before reuse. Keep containers closed when not in use.

Section 9 - Physical and chemical properties

Appearance	Dark brown liquid.	Vapor Pressure @20°C	10 @ 18 deg F
Odor	Odorless	Vapor Density	>1
Odor Threshold	Not Determined	Specific Gravity	1.19
pH	11.8	Solubility in Water	Complete
Melting Point, °F	30 to 35 deg F	Partition Coefficient	Not Determined
Boiling Point, °F	200 deg F	Auto Ignition Temp, °F	Non-flammable
Flash Point, °F	Not Flammable	Decomposition Temp, °F	Not Determined



Evaporation Rate <1
Flammability Limits N/A

Viscosity Not Determined
Percent Volatile N/A

Section 10 - Stability and reactivity

Reactivity in water: N/A
Stability stable under normal conditions
Conditions to Avoid May react with strong oxidizers. Do not contaminate product in the container.
Incompatible Materials Strong mineral acids.
Hazardous Decomposition Products Thermal decomposition (destructive fires) may yield elemental oxides.
Hazardous Polymerization Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry inhalation, skin or eye contact, ingestion
Acute Exposure Symptoms N/A
Chronic Exposure Effects Prolonged or repeated exposure may cause primary irritant dermatitis.
Medical Conditions Aggravated By Exposure N/A

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
poly(acrylic acid-phosphinocarboxylic acid) sodium salts	proprietary	>5000 mg/kg	no data	no data
polyamine/amine phosphonate	proprietary	no data	no data	no data
sodium hydroxide	1310-73-2	300-500 mg/kg	>2000 mg/kg	no data

Carcinogenicity:

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

Chemical Name	CAS Number:	IARC	NTP	OSHA
poly(acrylic acid-phosphinocarboxylic acid) sodium salts	proprietary	No	No	No
polyamine/amine phosphonate	proprietary	No	No	No
sodium hydroxide	1310-73-2	No	No	No

Section 12 - Ecological information

Overview: No data

Section 13 - Disposal considerations

Preparing Waste For Disposal Dispose of in accordance with federal, state and local laws and regulations.

Section 14 - Transport information

DOT Shipping Not DOT Regulated

Section 15 - Regulatory information

California Proposition 65 This product does not contain chemicals listed by California proposition 65.
HMIS Ratings Health: 1, Flammability: 0, Reactivity: 0



Section 16 - Other information

Date Prepared 6/1/2015
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