



Section 1 - Identification

Product Name: CPL 5110
Alternate Name: Copper Inhibitor
Recommended Use: Yellow metal corrosion inhibitor
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



Causes severe skin burns and serious eye damage

Do not breathe dusts or mists.

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: 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
benzotriazole	95-14-7	10-20%
tolyltriazole sodium salt	64665-57-2	5-10%

Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation If affected, remove from exposure. Restore breathing. Keep warm and quiet.
Eye Contact Flush eyes with large amounts of water for 15 minutes. Get medical attention.
Skin Contact Wash affected area with soap and water. Remove contaminated clothing, rings, etc.
Ingestion 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.

Symptoms of Overexposure:

Inhalation Can cause severe irritation, damage to delicate tissue.



Contact with Skin or Eyes May severely damage delicate eye tissue. Can cause severe irritation.
Absorption Through Skin Corrosive. It is an irritant. Prolonged contact can be destructive to tissue.
Ingestion Can cause severe irritation, damage to tissue.

Section 5 - Fire-fighting measures

Extinguishing Media water spray, dry chemical, appropriate foam
Fire Fighting Procedure Full protective equipment including self-contained breathing apparatus should be use 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/Explosion Hazard 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.
Hazardous Combustion Products Substance is noncombustible

Section 6 - Accidental release measures

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

Section 7 - Handling and storage

Handling Precautions Keep containers tightly closed when not in use. Store only in containers which are resistant to caustic solutions.
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
benzotriazole	not listed	not listed
tolyltriazole sodium salt	not listed	not listed

Ventilation Mechanical (general) exhaust required.
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.
Protective Gloves Rubber gloves.
Eye Protection Goggles or safety glasses.
Other Protective Equipment Rubber apron or similar protective clothing to prevent contact with skin or clothes.
Work / Hygenic Practices Handle in accordance with good industrial hygiene and safety practices.

Section 9 - Physical and chemical properties

Appearance	Clear, yellow to amber solution.	Vapor Pressure @20°C	0.04 mm
Odor	Slight ammoniacal odor	Vapor Density	N/A
Odor Threshold	Not Determined	Specific Gravity	1.04 at 25 deg C
pH	12.1	Solubility in Water	Miscible in all proportions.
Melting Point, °F	N/A	Partition Coefficient	Not Determined
Boiling Point, °F	100 deg C	Auto Ignition Temp, °F	N/A



Flash Point, °F	Not Flammable	Decomposition Temp, °F	Not Determined
Evaporation Rate	N/A	Viscosity	Not Determined
Flammability Limits	N/A	Percent Volatile	90%

Section 10 - Stability and reactivity

Reactivity	in water: N/A
Stability	stable under normal conditions
Conditions to Avoid	Oxidizing agents, strong acids.
Incompatible Materials	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products	By fire: Carbon dioxide, carbon monoxide, nitrogen oxides, HCN possible in reducing atmospheres.
Hazardous Polymerization	Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry	inhalation, skin or eye contact, ingestion
Acute Exposure Symptoms	It is an irritant.
Chronic Exposure Effects	Prolonged contact can be damaging to tissue.
Medical Conditions Aggravated By Exposure	N/A

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
benzotriazole	95-14-7	560 mg/kg	>1000 mg/kg	1.4 mg/L
tolyltriazole sodium salt	64665-57-2	1980 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
benzotriazole	95-14-7	No	No	No
tolyltriazole sodium salt	64665-57-2	No	No	No

Section 12 - Ecological information

Overview: No data

Section 13 - Disposal considerations

Preparing Waste 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 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

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