



## Section 1 - Identification

**Product Name:** CPL 3810  
**Alternate Name:** TES System Organic Corrosion Inhibitor With Molybdate  
**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



#### 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
sodium molybdate	7631-95-0	10-20%
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	1-5%
sodium hydroxide	1310-73-2	1-5%
maleic acid copolymer	113221-69-5	1-5%
tolytriazole sodium salt	64665-57-2	<1%

## Section 4 - First-aid measures

#### Emergency and First Aid Procedures:

**Inhalation** Remove to fresh air; if breathing has stopped, perform artificial respiration. Call a physician.  
**Eye Contact** Flush eyes with water for at least 15 minutes, get medical attention.  
**Skin Contact** Wash with soap and water.  
**Ingestion** Call a physician.



**Symptoms of Overexposure:**

<b>Inhalation</b>	Dust or mist can irritate respiratory tract.
<b>Contact with Skin or Eyes</b>	May result in eye or skin irritation.
<b>Absorption Through Skin</b>	N/A
<b>Ingestion</b>	Drink large quantity of water. Seek medical attention.

**Section 5 - Fire-fighting measures**

<b>Extinguishing Media</b>	water spray, carbon dioxide, dry chemical, or appropriate foam
<b>Fire Fighting Procedure</b>	None
<b>Unusual Fire/Explosion Hazard</b>	None
<b>Hazardous Combustion Products</b>	Substance is noncombustible

**Section 6 - Accidental release measures**

<b>Spill Response Procedure</b>	Small spills, wash down with water and dispose to sanitary sewer.
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**Section 7 - Handling and storage**

<b>Handling Precautions</b>	No special handling procedures are required.
<b>Storage Conditions</b>	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**

<b>Chemical Name</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
sodium molybdate	5 mg/m3 TWA	0.5 mg/m3 TWA
hydroxyphosphonoacetic acid (HPAA)	1 mg/m3 TWA, 3 mg/m3 STEL	1 mg/m3 TWA, 3 mg/m3 STEL
sodium hydroxide	2 mg/m3 TWA	2 mg/m3 (C)
maleic acid copolymer	not listed	not listed
tolyltriazole sodium salt	not listed	not listed

  

<b>Ventilation</b>	Local exhaust required.
<b>Respiratory Protection</b>	Normal ventilation.
<b>Protective Gloves</b>	Rubber gloves.
<b>Eye Protection</b>	Chemical safety goggles.
<b>Other Protective Equipment</b>	Not required.
<b>Work / Hygienic Practices</b>	Handle in accordance with good industrial hygiene and safety practices.

**Section 9 - Physical and chemical properties**

<b>Appearance</b>	Clear light brown liquid.	<b>Vapor Pressure @20°C</b>	N/A
<b>Odor</b>	Odorless	<b>Vapor Density</b>	N/A
<b>Odor Threshold</b>	Not Determined	<b>Specific Gravity</b>	1.18
<b>pH</b>	11.8	<b>Solubility in Water</b>	Complete
<b>Melting Point, °F</b>	25 to 35 deg F	<b>Partition Coefficient</b>	Not Determined
<b>Boiling Point, °F</b>	220 deg F	<b>Auto Ignition Temp, °F</b>	Non Flammable



<b>Flash Point, °F</b>	Not Flammable	<b>Decomposition Temp, °F</b>	Not Determined
<b>Evaporation Rate</b>	1.0	<b>Viscosity</b>	Not Determined
<b>Flammability Limits</b>	N/A	<b>Percent Volatile</b>	N/A

### Section 10 - Stability and reactivity

<b>Reactivity</b>	not reactive in water
<b>Stability</b>	stable under normal conditions
<b>Conditions to Avoid</b>	N/A
<b>Incompatible Materials</b>	Strong mineral acids.
<b>Hazardous Decomposition Products</b>	None
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.

### Section 11 - Toxicological information

<b>Routes of Entry</b>	inhalation, skin or eye contact, ingestion
<b>Acute Exposure Symptoms</b>	Eye or respiratory tract irritation.
<b>Chronic Exposure Effects</b>	Not Reported.
<b>Medical Conditions Aggravated By Exposure</b>	Chronic respiratory disease and gout may be aggravated.

**Acute Toxicity:**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
sodium molybdate	7631-95-0	4233 mg/kg	no data	>1.93 mg/L
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	2750	no data	no data
sodium hydroxide	1310-73-2	300-500 mg/kg	>2000 mg/kg	no data
maleic acid copolymer	113221-69-5	3870 mg/kg	no data	no data
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:

<b>Chemical Name</b>	<b>CAS Number:</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA</b>
sodium molybdate	7631-95-0	No	No	No
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	No	No	No
sodium hydroxide	1310-73-2	No	No	No
maleic acid copolymer	113221-69-5	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** 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**                      5/22/2015  
**Preparer**                              Michael Bortnik, Keith Johnson

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