



## Section 1 - Identification

**Product Name:** CPL 3710  
**Alternate Name:** Molybdate 35%  
**Recommended Use:** 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;

This product is considered non-hazardous.

## Section 3 - Composition/information on ingredients

Chemical Name	CAS Number	Percent
sodium molybdate	7631-95-0	30-40%

## Section 4 - First-aid measures

### Emergency and First Aid Procedures:

**Inhalation** Remove to fresh air. Give oxygen if there is difficulty breathing. Consult a doctor.  
**Eye Contact** Flush with water for at least 20 minutes. Get medical attention.  
**Skin Contact** Wash with soap and water.  
**Ingestion** Drink several glasses of water. Consult a doctor.

**Symptoms of Overexposure:**

**Inhalation** May cause respiratory tract irritation and chest discomfort. The LC50 (4 hr. rat) was greater than 1.93 mg/l of air.  
**Contact with Skin or Eyes** May result in eye and skin irritation on prolonged contact.  
**Absorption Through Skin** Brief skin contact is not likely to cause irritation, but prolonged contact may do so.  
**Ingestion** Reports exist that correlate the incidence of high uric acid levels and gout to the intake of molybdenum. Acute median LD50 value using rats was 4233 mg/kg body weight.

## Section 5 - Fire-fighting measures

**Extinguishing Media** water spray, carbon dioxide, dry chemical, or appropriate foam  
**Fire Fighting Procedure** None  
**Unusual Fire/Explosion Hazard** None



**Hazardous Combustion Products**

Substance is noncombustible

### Section 6 - Accidental release measures

**Spill Response Procedure** Do not discharge to sewer or natural water or drainage.

### 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
sodium molybdate	5 mg/m <sup>3</sup> TWA	0.5 mg/m <sup>3</sup> TWA

**Ventilation** Local exhaust required.

**Respiratory Protection** Normal ventilation.

**Protective Gloves** Rubber gloves.

**Eye Protection** Chemical safety goggles.

**Other Protective Equipment** Not required.

**Work / Hygienic Practices** Handle in accordance with good industrial hygiene and safety practices.

### Section 9 - Physical and chemical properties

<b>Appearance</b>	Clear colorless liquid,	<b>Vapor Pressure @20°C</b>	Not Known
<b>Odor</b>	Odorless	<b>Vapor Density</b>	N/A
<b>Odor Threshold</b>	Not Determined	<b>Specific Gravity</b>	1.38
<b>pH</b>	8	<b>Solubility in Water</b>	Infinite
<b>Melting Point, °F</b>	N/A	<b>Partition Coefficient</b>	Not Determined
<b>Boiling Point, °F</b>	Not Known	<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	<b>Viscosity</b>	Not Determined
<b>Flammability Limits</b>	N/A	<b>Percent Volatile</b>	65%

### Section 10 - Stability and reactivity

**Reactivity** in water: N/A

**Stability** stable under normal conditions

**Conditions to Avoid** N/A

**Incompatible Materials** Strong mineral acids.

**Hazardous Decomposition Products** None

**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** N/A  
**Medical Conditions Aggravated By Exposure** None Reported

**Acute Toxicity:**

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
sodium molybdate	7631-95-0	4233 mg/kg	no data	>1.93 mg/L

**Carcinogenicity:**

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

Chemical Name	CAS Number:	IARC	NTP	OSHA
sodium molybdate	7631-95-0	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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