



Section 1 - Identification

Product Name: CPL 3870
Alternate Name: 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



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
sodium silicate	1344-09-8	10-20%
sodium molybdate	7631-95-0	10-20%
potassium hydroxide	1310-58-3	5-10%
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	1-5%
maleic acid copolymer	113221-69-5	1-5%
tolyltriazole 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 with water for at least 15 minutes, get medical attention.
Skin Contact	Wash with soap and water.
Ingestion	Call a physician.
Symptoms of Overexposure:	
Inhalation	Dust or mist can irritate respiratory tract.
Contact with Skin or Eyes	May result in eye or skin irritation.
Absorption Through Skin	N/A
Ingestion	Drink large quantity of water. Seek medical attention.

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	Small spills, wash down with water and dispose to sanitary sewer.
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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
sodium silicate	not listed	not listed
sodium molybdate	5 mg/m3 TWA	0.5 mg/m3 TWA
potassium hydroxide	not listed	2 mg/m3 (C)
hydroxyphosphonoacetic acid (HPAA)	1 mg/m3 TWA, 3 mg/m3 STEL	1 mg/m3 TWA, 3 mg/m3 STEL
maleic acid copolymer	not listed	not listed
tolyltriazole sodium salt	not listed	not listed
Ventilation	Local exhaust required.	
Respiratory Protection	Normal ventilation.	
Protective Gloves	Rubber gloves.	
Eye Protection	Chemical safety goggles.	
Other Protective Equipment	Nor required.	
Work / Hygienic Practices	Handle in accordance with good industrial hygiene and safety practices.	

Section 9 - Physical and chemical properties

Appearance	Clear brown liquid	Vapor Pressure @20°C	N/A
Odor	Odorless	Vapor Density	N/A



Odor Threshold	Not Determined	Specific Gravity	1.3
pH	12.4	Solubility in Water	Complete
Melting Point, °F	25 to 32 deg F	Partition Coefficient	Not Determined
Boiling Point, °F	220 deg F	Auto Ignition Temp, °F	Non flammable
Flash Point, °F	Not Flammable	Decomposition Temp, °F	Not Determined
Evaporation Rate	1.0	Viscosity	Not Determined
Flammability Limits	N/A	Percent Volatile	N/A

Section 10 - Stability and reactivity

Reactivity	not reactive in water
Stability	stable under normal conditions
Conditions to Avoid	N/A
Incompatible Materials	Strong mineral acids.
Hazardous Decomposition Products	Thermal decomposition may yield silica vapors
Hazardous Polymerization	Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry	inhalation, skin or eye contact, ingestion
Acute Exposure Symptoms	Eye or respiratory tract irritation.
Chronic Exposure Effects	None reported.
Medical Conditions Aggravated By Exposure	Chronic respiratory disease and gout may be aggravated.

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
sodium silicate	1344-09-8	1960 mg/kg	4640 mg/kg	no data
sodium molybdate	7631-95-0	4233 mg/kg	no data	>1.93 mg/L
potassium hydroxide	1310-58-3	273 mg/kg	no data	no data
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	2750	no data	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:

Chemical Name	CAS Number:	IARC	NTP	OSHA
sodium silicate	1344-09-8	No	No	No
sodium molybdate	7631-95-0	No	No	No
potassium hydroxide	1310-58-3	No	No	No
hydroxyphosphonoacetic acid (HPAA)	23783-26-8	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

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