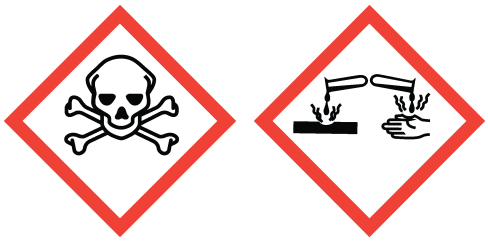
Section 1 - Identification

Product Name:	CPL 3160
Alternate Name:	Molybdate Inhibitor For pH Control
Recommended Use:	Cooling tower 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



Toxic if inhaled

Causes severe skin burns and serious eye damage

Avoid breathing dust/fume/gas/mist/vapors/spray.
Do not breathe dusts or mists.
Use only outdoors or in a well-ventilated area.
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 in a well-ventilated place. Keep container tightly closed, 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 tripolyphosphate (STPP)	7758-29-4	5-10%
potassium hydroxide	1310-58-3	1-5%
maleic acid copolymer	113221-69-5	1-5%
2-phosphonobutane-1,2,4-tricarboxylic acid (PBTC)	37971-36-1	1-5%
phosphinocarboxylic acid	110224-99-2	1-5%
sodium molybdate	7631-95-0	1-5%
tolyltriazole sodium salt	64665-57-2	1-5%
polyethylene glycol	25322-68-3	<1%

Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation	Remove victim to fresh air. Apply appropriate first aid treatment when necessary.
Eye Contact	Flush with water for at least 15 minutes, get medical attention.
Skin Contact	Wash exposed area with soap and plenty of water.
Ingestion	Do not feed anything by mouth to an unconscious or convulsive victim. Do not induce vomiting. Call a physician immediately. Dilute contents of stomach using 3-4 glasses of milk or water.

Symptoms of Overexposure:

Inhalation	Mist or aerosols may cause irritation of upper respiratory tract.
Contact with Skin or Eyes	May result in eye or skin irritation. May cause redness or itching of skin.
Absorption Through Skin	N/A
Ingestion	No data available.

Section 5 - Fire-fighting measures

Extinguishing Media	water spray, carbon dioxide, dry chemical, or appropriate foam
Fire Fighting Procedure	Fire fighters should wear positive pressure self-contained breathing apparatus.
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.

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 tripolyphosphate (STPP)	not listed	not listed
potassium hydroxide	not listed	2 mg/m3 (C)
maleic acid copolymer	not listed	not listed
2-phosphonobutane-1,2,4-tricarboxylic acid (PBTC)	not listed	not listed
phosphinocarboxylic acid	not listed	not listed
sodium molybdate	5 mg/m3 TWA	0.5 mg/m3 TWA
tolyltriazole sodium salt	not listed	not listed
polyethylene glycol	10 mg/m3 TWA	not listed

Ventilation	Mechanical (general) exhaust required.
Respiratory Protection	Not necessary under normal use conditions.
Protective Gloves	Rubber gloves.

Eye Protection	Chemical safety goggles.
Other Protective Equipment	Not required under normal conditions.
Work / Hygenic Practices	Immediately remove contaminated clothing and wash before reuse. Keep containers closed when not in use.

Section 9 - Physical and chemical properties

Appearance	Clear yellowish liquid.	**Vapor Pressure @20°C**	Not Determined
Odor	Odorless	**Vapor Density**	Not Determined
Odor Threshold	Not Determined	**Specific Gravity**	1.1
pH	10.5	**Solubility in Water**	100%
Melting Point, °F	25 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	Not Determined	**Viscosity**	Not Determined
Flammability Limits	N/A	**Percent Volatile**	80%

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	Not Known

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
sodium tripolyphosphate (STPP)	7758-29-4	3120 mg/kg	4640 mg/kg	0.39 mg/L
potassium hydroxide	1310-58-3	273 mg/kg	no data	no data
maleic acid copolymer	113221-69-5	3870 mg/kg	no data	no data
2-phosphonobutane-1,2,4-tricarboxylic acid (PBTC)	37971-36-1	>2000 mg/kg	>2000 mg/kg	no data
phosphinocarboxylic acid	110224-99-2	>5000 mg/kg	>2000 mg/kg	no data
sodium molybdate	7631-95-0	4233 mg/kg	no data	>1.93 mg/L
tolyltriazole sodium salt	64665-57-2	1980 mg/kg	2000 mg/kg	no data
polyethylene glycol	25322-68-3	>10000 mg/kg	>20000 mg/kg	no data

Carcinogenicity:

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

Chemical Name	CAS Number:	IARC	NTP	OSHA

sodium tripolyphosphate (STPP)	7758-29-4	No	No	No
potassium hydroxide	1310-58-3	No	No	No
maleic acid copolymer	113221-69-5	No	No	No
2-phosphonobutane-1,2,4-tricarboxylic acid (PBTC)	37971-36-1	No	No	No
phosphinocarboxylic acid	110224-99-2	No	No	No
sodium molybdate	7631-95-0	No	No	No
tolyltriazole sodium salt	64665-57-2	No	No	No
polyethylene glycol	25322-68-3	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

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