Section 1 - Identification

Product Name:	CPL 2090
Alternate Name:	One Drum Phosphate With Sulfite 10% PO4
Recommended Use:	Boiler 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
May cause allergy or asthma symptoms or breathing difficulties if inhaled
Causes severe skin burns and serious eye damage
Avoid breathing dust/fume/gas/mist/vapors/spray.
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, protective gloves and clothing, and respiratory protection.
IF EXPERIENCING RESPIRATORY SYMPTOMS: Call a poison center or doctor.
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: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. 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 hexametaphosphate (SHMP)	10124-56-8	10-20%
sodium polyacrylate	9003-04-7	5-10%
sodium sulfite	7757-83-7	1-5%
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	1-5%
potassium hydroxide	1310-58-3	1-5%
sodium hydroxide	1310-73-2	1-5%
sodium lignosulfonate	8061-51-6	<1%

Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation	On over-exposure, remove to fresh air. Get medical attention.
Eye Contact	Flush with large quantities of water for at least 15 minutes, lifting upper and lower eyelids occasionally; continue flushing while waiting for medical assistance.
Skin Contact	Flush thoroughly with water; wash with soap/water while removing all contaminated clothing and shoes. get immediate medical attention.
Ingestion	Do not induce vomiting; dilute by giving milk or water if conscious; get medical attention immediately.

Symptoms of Overexposure:

Inhalation	Not normal route of entry. Dried or evaporated liquid can produce irritating dust.
Contact with Skin or Eyes	Possible skin burns and corneal damage.
Absorption Through Skin	Can burn skin. Not absorbed.
Ingestion	Burning.

Section 5 - Fire-fighting measures

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

Section 6 - Accidental release measures

Spill Response Procedure	Collect liquid in a suitable container then neutralize with dilute acid solution.

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 hexametaphosphate (SHMP)	not listed	not listed
sodium polyacrylate	not listed	not listed
sodium sulfite	not listed	not listed
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	not listed	not listed
potassium hydroxide	not listed	2 mg/m3 (C)
sodium hydroxide	2 mg/m3 TWA	2 mg/m3 (C)
sodium lignosulfonate	not listed	not listed

Ventilation	Local and mechanical (general) exhaust required.
Respiratory Protection	Not required unless dusting is noted. Then use NIOSH approved respirator for acids.

Protective Gloves	Rubber or impermeable gloves.
Eye Protection	Safety goggles.
Other Protective Equipment	Impermeable apron advised.
Work / Hygenic Practices	Protect containers from extreme temperatures.

Section 9 - Physical and chemical properties

Appearance	Dark brown liquid	**Vapor Pressure @20°C**	N/A
Odor	Slight ammoniacal odor	**Vapor Density**	N/A
Odor Threshold	Not Determined	**Specific Gravity**	1.24
pH	>12.5	**Solubility in Water**	100%
Melting Point, °F	N/A	**Partition Coefficient**	Not Determined
Boiling Point, °F	212 deg F	**Auto Ignition Temp, °F**	N/A
Flash Point, °F	Not Flammable	**Decomposition Temp, °F**	Not Determined
Evaporation Rate	0.8	**Viscosity**	Not Determined
Flammability Limits	N/A	**Percent Volatile**	Same as water

Section 10 - Stability and reactivity

Reactivity	in water: Not Reactive
Stability	stable under normal conditions
Conditions to Avoid	Organic and mineral acids and some metals.
Incompatible Materials	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products	Carbon oxides, nitrogen oxides (NOx), oxides of phosphorous
Hazardous Polymerization	Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry	skin or eye contact, ingestion
Acute Exposure Symptoms	Irritant to eyes
Chronic Exposure Effects	Not Determined
Medical Conditions Aggravated By Exposure	Not Determined

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
sodium hexametaphosphate (SHMP)	10124-56-8	6200 mg/kg	no data	no data
sodium polyacrylate	9003-04-7	>5000 mg/kg	>2000 mg/kg	no data
sodium sulfite	7757-83-7	>2000 mg/kg	no data	no data
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	1800 mg/kg	no data	no data
potassium hydroxide	1310-58-3	273 mg/kg	no data	no data
sodium hydroxide	1310-73-2	300-500 mg/kg	>2000 mg/kg	no data
sodium lignosulfonate	8061-51-6	6030 mg/kg	no data	no data

Carcinogenicity:

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

Chemical Name	CAS Number:	IARC	NTP	OSHA
sodium hexametaphosphate (SHMP)	10124-56-8	No	No	No

sodium polyacrylate	9003-04-7	No	No	No
sodium sulfite	7757-83-7	No	No	No
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	No	No	No
potassium hydroxide	1310-58-3	No	No	No
sodium hydroxide	1310-73-2	No	No	No
sodium lignosulfonate	8061-51-6	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. After neutralizing, waste should be acceptable for flushing to sanitary sewer.

Section 14 - Transport information

DOT Shipping UN1760, CORROSIVE LIQUID, N.O.S., 8, PG II, (POTASSIUM & SODIUM HYDROXIDE)

Section 15 - Regulatory information

California Proposition 65 This product does not contain chemicals listed by California proposition 65.

HMIS Ratings Health: 2, Flammability: 0, Reactivity: 0

Section 16 - Other information

Date Prepared 5/21/2015

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