



Section 1 - Identification

Product Name: CPL 2096
Alternate Name: One Drum Phosphate With Sulfite USDA 6% 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



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.

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: 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	5-10%
sodium sulfite	7757-83-7	5-10%
sodium polyacrylate	9003-04-7	5-10%
sodium hydroxide	1310-73-2	1-5%

Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation On over-exposure, remove to fresh air. Get medical attention, if needed.

Eye Contact Flush with large quantities of water for at least 15 minutes lifting upper and lower eyelids



occasionally; seek medical assistance, if needed.

Skin Contact

Flush thoroughly with water; wash with soap/water while removing all contaminated clothing and shoes.

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 irritation and corneal damage.

Absorption Through Skin

Can irritate skin. Not absorbed.

Ingestion

Burning.

Section 5 - Fire-fighting measures

Extinguishing Media

water spray, carbon dioxide, dry chemical, or appropriate foam

Fire Fighting Procedure

Flood with water, using care not to splatter or splash material.

Unusual Fire/Explosion Hazard

Not combustible. Dried salts in the presence of moisture may react with combustible material.

Hazardous Combustion Products

Substance is noncombustible

Section 6 - Accidental release measures

Spill Response Procedure

Collect liquid in a suitable container.

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 sulfite

not listed

not listed

sodium polyacrylate

not listed

not listed

sodium hydroxide

2 mg/m³ TWA

2 mg/m³ (C)

Ventilation

Local and mechanical (general) exhaust required.

Respiratory Protection

Not necessary under normal use conditions.

Protective Gloves

Rubber or impermeable gloves.

Eye Protection

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

Appearance

Clear colorless liquid.

Vapor Pressure @20°C

Approx. 14 mm Hg

Odor

Very little odor

Vapor Density

N/A

Odor Threshold

Not Determined

Specific Gravity

1.14



pH	8.5-9.0	Solubility in Water	100%
Melting Point, °F	Approx. 31 deg F	Partition Coefficient	Not Determined
Boiling Point, °F	Approx 212 deg F	Auto Ignition Temp, °F	N/A
Flash Point, °F	Not Flammable	Decomposition Temp, °F	Not Determined
Evaporation Rate	1	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	Organic and mineral acids and some metals.
Incompatible Materials	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products	None
Hazardous Polymerization	Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry	skin or eye contact, ingestion
Acute Exposure Symptoms	Burns and irritation to nose, throat, and skin.
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 sulfite	7757-83-7	>2000 mg/kg	no data	no data
sodium polyacrylate	9003-04-7	>5000 mg/kg	>2000 mg/kg	no data
sodium hydroxide	1310-73-2	300-500 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 hexametaphosphate (SHMP)	10124-56-8	No	No	No
sodium sulfite	7757-83-7	No	No	No
sodium polyacrylate	9003-04-7	No	No	No
sodium hydroxide	1310-73-2	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 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 5/21/2015
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