



## Section 1 - Identification

**Product Name:** CPL 2017  
**Alternate Name:** Phosphate With Polymer 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**



#### **Causes severe skin burns and serious eye damage**

Do not breathe dusts or mists.

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 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 polyacrylate	9003-04-7	20-30%
sodium hexametaphosphate (SHMP)	10124-56-8	10-20%
sodium hydroxide	1310-73-2	1-5%

## Section 4 - First-aid measures

#### **Emergency and First Aid Procedures:**

**Inhalation** Non volatile liquid.  
**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** N/A



**Contact with Skin or Eyes** May result in eye or skin irritation.  
**Absorption Through Skin** N/A  
**Ingestion** No data available. 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.

### Section 7 - Handling and storage

**Handling Precautions** Not applicable  
**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

<b>Chemical Name</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
sodium polyacrylate	not listed	not listed
sodium hexametaphosphate (SHMP)	not listed	not listed
sodium hydroxide	2 mg/m3 TWA	2 mg/m3 (C)

**Ventilation** Mechanical (general) exhaust required.  
**Respiratory Protection** Not necessary under normal use conditions.  
**Protective Gloves** Rubber.  
**Eye Protection** Chemical safety goggles.  
**Other Protective Equipment** Not required.  
**Work / Hygienic Practices** Protect containers from extreme temperatures.

### Section 9 - Physical and chemical properties

<b>Appearance</b>	Clear colorless liquid	<b>Vapor Pressure @20°C</b>	14 mm
<b>Odor</b>	Odorless	<b>Vapor Density</b>	N/A
<b>Odor Threshold</b>	N/A	<b>Specific Gravity</b>	1.075-1.085
<b>pH</b>	7-9	<b>Solubility in Water</b>	100%
<b>Melting Point, °F</b>	25 to 32 deg F	<b>Partition Coefficient</b>	Not Determined
<b>Boiling Point, °F</b>	220 deg F	<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>	N/A



### Section 10 - Stability and reactivity

<b>Reactivity</b>	in water: N/A
<b>Stability</b>	stable under normal conditions
<b>Conditions to Avoid</b>	N/A
<b>Incompatible Materials</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous Decomposition Products</b>	None
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.

### Section 11 - Toxicological information

<b>Routes of Entry</b>	inhalation, skin or eye contact, ingestion
<b>Acute Exposure Symptoms</b>	N/A
<b>Chronic Exposure Effects</b>	N/A
<b>Medical Conditions Aggravated By Exposure</b>	None reported.

#### Acute Toxicity:

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
sodium polyacrylate	9003-04-7	>5000 mg/kg	>2000 mg/kg	no data
sodium hexametaphosphate (SHMP)	10124-56-8	6200 mg/kg	no data	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:

<b>Chemical Name</b>	<b>CAS Number:</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA</b>
sodium polyacrylate	9003-04-7	No	No	No
sodium hexametaphosphate (SHMP)	10124-56-8	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 laws and regulations.

### Section 14 - Transport information

**DOT Shipping** UN1824, SODIUM HYDROXIDE SOLUTION, 8, PG II

### Section 15 - Regulatory information

**California Proposition 65** This product does not contain chemicals listed by California proposition 65.  
**HMIS Ratings** Health: 0, Flammability: 0, Reactivity: 0



**Section 16 - Other information**

**Date Prepared** 5/21/2015

**Preparer** Michael Bortnik, Keith Johnson

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