Section 1 - Identification

Product Name:	CPL 3030DF
Alternate Name:	All Organic Inhibitor Drip Feed
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

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
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	10-20%
sodium polyacrylate	9003-04-7	10-20%
potassium hydroxide	1310-58-3	5-10%
sodium hydroxide	1310-73-2	5-10%
tolyltriazole sodium salt	64665-57-2	1-5%

Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation	Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.
Eye Contact	Immediately flush with water for at least 15 minutes, get medical attention. Washing eyes within

	one minute is essential.
Skin Contact	Remove contaminated clothing. Wash with soap and water with large quantity of water for 15 minutes.
Ingestion	Do not feed anything by mouth to an unconscious or convulsive victim. Do not induce vomiting. Immediately call a physician. Dilute contents of stomach using 3-4 glasses of milk or water.
Symptoms of Overexposure:	
Inhalation	May cause irritation to upper respiratory tract mucous membranes.
Contact with Skin or Eyes	Destructive to eye tissue contacted. Severe burns. May result in blindness.
Absorption Through Skin	Destructive to tissues contacted; may produce severe burns.
Ingestion	May cause severe burns and complete perforation of mucous membranes. May be fatal if swallowed.

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 (full face type).
Unusual Fire/Explosion Hazard	None
Hazardous Combustion Products	Substance is noncombustible

Section 6 - Accidental release measures

Spill Response Procedure	Ventilate area, use recommended protective equipment. Contain and absorb on absorbent material, collect in waste disposal container. Determine waste parameters of the absorbed material or contaminated soil in accordance with RCRA regulations.

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**
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	not listed	not listed
sodium polyacrylate	not listed	not listed
potassium hydroxide	not listed	2 mg/m3 (C)
sodium hydroxide	2 mg/m3 TWA	2 mg/m3 (C)
tolyltriazole sodium salt	not listed	not listed

Ventilation	Local exhaust required.
Respiratory Protection	Adequate ventilation to maintain air contaminants below exposure limits. if ventilation is inadequate or significant product exposure is likely, use a respirator with dust/mist filters.
Protective Gloves	Rubber
Eye Protection	Splash proof chemical goggles.
Other Protective Equipment	Apron optional.
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 yellow liquid	**Vapor Pressure @20°C**	14 mm
Odor	No odor	**Vapor Density**	N/A
Odor Threshold	Not Determined	**Specific Gravity**	1.2
pH	12.8	**Solubility in Water**	100%
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	**Viscosity**	Not Determined
Flammability Limits	N/A	**Percent Volatile**	N/A

Section 10 - Stability and reactivity

Reactivity in water: N/A

Stability stable under normal conditions

Conditions to Avoid Do not freeze. If frozen, thaw and mix until redissolved before using. Do not mix with acidic material.

Incompatible Materials Strong mineral acids.

Hazardous Decomposition Products None

Hazardous Polymerization Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry inhalation, skin or eye contact, ingestion

Acute Exposure Symptoms Mist/aerosols may cause irritation to upper respiratory tract.

Chronic Exposure Effects Prolonged or repeated contact may cause primary irritant dermatitis.

Medical Conditions Aggravated By Exposure Not known.

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	1800 mg/kg	no data	no data
sodium polyacrylate	9003-04-7	>5000 mg/kg	>2000 mg/kg	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
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
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	No	No	No
sodium polyacrylate	9003-04-7	No	No	No
potassium hydroxide	1310-58-3	No	No	No
sodium hydroxide	1310-73-2	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. Water contaminated with this product may be sent to a sanitary sewer treatment facility.

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 5/22/2015

Preparer Michael Bortnik, Keith Johnson

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