



## Section 1 - Identification

**Product Name:** CPL 2280  
**Alternate Name:** Cleaner NP (Contains No Phosphorus)  
**Recommended Use:** Closed system cleaner  
**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
octenylsuccinic acid	28805-58-5	5-10%
potassium hydroxide	1310-58-3	1-5%
anionic surfactant blend	proprietary	1-5%
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	1-5%
sodium polyacrylate	9003-04-7	1-5%
tolyltriazole sodium salt	64665-57-2	<1%

## Section 4 - First-aid measures

#### Emergency and First Aid Procedures:

**Inhalation** Remove subject to fresh air.



<b>Eye Contact</b>	Immediately flush eyes with large amounts of water for at least 15 minutes. Washing eyes within one minute is essential for maximum effectiveness. Seek medical attention immediately.
<b>Skin Contact</b>	Flush contacted area with large amounts of water.
<b>Ingestion</b>	Drink a large amount of water. DO NOT INDUCE VOMITING. Give milk or milk of magnesia. Seek medical attention immediately.
<b>Symptoms of Overexposure:</b>	
<b>Inhalation</b>	May cause severe irritation to mucous membranes.
<b>Contact with Skin or Eyes</b>	May cause severe irritation and/or burns.
<b>Absorption Through Skin</b>	May cause severe irritation.
<b>Ingestion</b>	May cause severe irritation to mucous membranes and stomach.

### Section 5 - Fire-fighting measures

<b>Extinguishing Media</b>	water spray, dry chemical, or appropriate foam
<b>Fire Fighting Procedure</b>	Wear full protective clothing and use contained breathing apparatus.
<b>Unusual Fire/Explosion Hazard</b>	None
<b>Hazardous Combustion Products</b>	Substance is noncombustible

### Section 6 - Accidental release measures

<b>Spill Response Procedure</b>	Contain spill. Dilute with water and flush to contained waste with excess water. May be neutralized with dilute acid.
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### Section 7 - Handling and storage

<b>Handling Precautions</b>	Protect containers from extreme temperature conditions. Do not transfer to aluminum or galvanized containers. Handle with care, avoid eye and skin contact.
<b>Storage Conditions</b>	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>
octenylsuccinic acid	no data	no data
potassium hydroxide	not listed	2 mg/m <sup>3</sup> (C)
anionic surfactant blend	no data	no data
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	not listed	not listed
sodium polyacrylate	not listed	not listed
tolyltriazole sodium salt	not listed	not listed

<b>Ventilation</b>	Mechanical (general) exhaust required.
<b>Respiratory Protection</b>	Not necessary under normal use conditions.
<b>Protective Gloves</b>	Impermeable gloves.
<b>Eye Protection</b>	Face shield and splash proof goggles.
<b>Other Protective Equipment</b>	Impermeable boots and coveralls or apron. Emergency eyewash and shower.
<b>Work / Hygienic Practices</b>	Handle in accordance with good industrial hygiene and safety practices.



**Section 9 - Physical and chemical properties**

<b>Appearance</b>	Light yellow liquid.	<b>Vapor Pressure @20°C</b>	Like water.
<b>Odor</b>	Odorless	<b>Vapor Density</b>	Like water.
<b>Odor Threshold</b>	N/A	<b>Specific Gravity</b>	1.009-1.012
<b>pH</b>	13	<b>Solubility in Water</b>	Complete
<b>Melting Point, °F</b>	N/A	<b>Partition Coefficient</b>	Not Determined
<b>Boiling Point, °F</b>	212 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>	

**Section 10 - Stability and reactivity**

<b>Reactivity</b>	in water: Not Reactive
<b>Stability</b>	stable under normal conditions
<b>Conditions to Avoid</b>	N/A
<b>Incompatible Materials</b>	Strong mineral acids
<b>Hazardous Decomposition Products</b>	Thermal decomposition may yield oxides of carbon (COx)
<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>	None known
<b>Chronic Exposure Effects</b>	None known
<b>Medical Conditions Aggravated By Exposure</b>	None known

**Acute Toxicity:**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
octenylsuccinic acid	28805-58-5	1410 mg/kg	1750 mg/kg	no data
potassium hydroxide	1310-58-3	273 mg/kg	no data	no data
anionic surfactant blend	proprietary	1410 mg/kg	1750 mg/kg	no data
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
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:

<b>Chemical Name</b>	<b>CAS Number:</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA</b>
octenylsuccinic acid	28805-58-5	No	No	No
potassium hydroxide	1310-58-3	No	No	No
anionic surfactant blend	proprietary	No	No	No
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	No	No	No
sodium polyacrylate	9003-04-7	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 in accordance with local, state and federal regulations.

### Section 14 - Transport information

DOT Shipping UN1814, POTASSIUM 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: 3, Flammability: 0, Reactivity: 1

### Section 16 - Other information

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Preparer Keith Johnson

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