



## Section 1 - Identification

**Product Name:** CPL 2206  
**Alternate Name:** Rust Cleaner  
**Recommended Use:** Rust remover  
**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

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Percent</b>
citric acid	77-92-9	20-30%
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	1-5%
sodium hydroxide	1310-73-2	1-5%
sodium polyacrylate	9003-04-7	1-5%

## Section 4 - First-aid measures

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

**Inhalation** Remove to fresh air. Give artificial respiration if not breathing. Get medical attention immediately.

**Eye Contact** Immediately flush eyes with lots of running water for 15 minutes, lifting the upper and lower eyelids occasionally. Get immediate medical attention if symptoms persist.

**Skin Contact** Immediately flush with plenty of water. Remove contaminated clothing. Get medical attention, if needed.



<b>Ingestion</b>	Do not induce vomiting. if conscious, give lots of water. Get immediate medical attention.
<b>Symptoms of Overexposure:</b>	
<b>Inhalation</b>	Vapor and mist are corrosive to the nose, throat, and mucous membranes.
<b>Contact with Skin or Eyes</b>	Contact with vapor, liquid and mists can cause burns to eyes and skin.
<b>Absorption Through Skin</b>	Not Known.
<b>Ingestion</b>	Corrosive to mouth, throat, and system; swallowing the liquid burns the tissues and may cause internal tissue burns.

### Section 5 - Fire-fighting measures

<b>Extinguishing Media</b>	water spray, carbon dioxide, dry chemical, or appropriate foam
<b>Fire Fighting Procedure</b>	Fire fighters should wear self contained breathing apparatus.
<b>Unusual Fire/Explosion Hazard</b>	This material does not meet the parameters for flammability.
<b>Hazardous Combustion Products</b>	Substance is noncombustible

### Section 6 - Accidental release measures

<b>Spill Response Procedure</b>	Avoid breathing vapors. Use plastic equipment, pails, etc. Small quantities may be flushed with copious quantities of water; in case of large amounts, neutralization of waste will be necessary.
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### Section 7 - Handling and storage

<b>Handling Precautions</b>	Store in cool dry place. Keep container tightly closed when not in use. Wash thoroughly after handling. Do not get in eyes, on skin or on clothing.
<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>
citric acid	not listed	not listed
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	not listed	not listed
sodium hydroxide	2 mg/m <sup>3</sup> TWA	2 mg/m <sup>3</sup> (C)
sodium polyacrylate	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>	Rubber or plastic gloves.
<b>Eye Protection</b>	Chemical safety goggles or face shield.
<b>Other Protective Equipment</b>	Other rubber or plastic aprons, coats, etc.
<b>Work / Hygienic Practices</b>	Wash hands thoroughly after use.

### Section 9 - Physical and chemical properties

<b>Appearance</b>	Colorless, liquid	<b>Vapor Pressure @20°C</b>	Approx. 24 mm Hg
<b>Odor</b>	Odorless	<b>Vapor Density</b>	N/A
<b>Odor Threshold</b>	Not Determined	<b>Specific Gravity</b>	1.12
<b>pH</b>	2.5-3.0	<b>Solubility in Water</b>	100%



<b>Melting Point, °F</b>	N/A	<b>Partition Coefficient</b>	Not Determined
<b>Boiling Point, °F</b>	215 deg F	<b>Auto Ignition Temp, °F</b>	N/A
<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>	100%

### Section 10 - Stability and reactivity

<b>Reactivity</b>	in water: always add acid to lots of water
<b>Stability</b>	stable under normal conditions
<b>Conditions to Avoid</b>	Alkalis, oxidizing or reducing materials, cyanides, sulfides, or combustible materials.
<b>Incompatible Materials</b>	Strong alkali
<b>Hazardous Decomposition Products</b>	None known
<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 known

#### Acute Toxicity:

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
citric acid	77-92-9	5400 mg/kg	>2000 mg/kg	no data
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	1800 mg/kg	no data	no data
sodium hydroxide	1310-73-2	300-500 mg/kg	>2000 mg/kg	no data
sodium polyacrylate	9003-04-7	>5000 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>
citric acid	77-92-9	No	No	No
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	2809-21-4	No	No	No
sodium hydroxide	1310-73-2	No	No	No
sodium polyacrylate	9003-04-7	No	No	No

### Section 12 - Ecological information

**Overview:** No data

### Section 13 - Disposal considerations

**Preparing Waste For Disposal** Neutralize with alkaline materials and flush to sewer with plenty of water if allowed under current laws or 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

**Preparer**                              Michael Bortnik, Keith Johnson

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