



## Section 1 - Identification

**Product Name:** CPL 3801  
**Alternate Name:** Nitrite And Borate Inhibitor Dry  
**Recommended Use:** Closed system 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 cancer**

**Suspected of damaging fertility or the unborn child**

**May intensify fire; oxidizer**

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

Do not breathe dusts or mists.

Keep away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles.

Keep away from heat.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Wash contacted areas thoroughly after handling.

Wear eye and face protection, protective gloves and clothing, and protective gloves.

IF EXPOSED OR CONCERNED: Get medical advice/attention.

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.

IN CASE OF FIRE: Use water spray, carbon dioxide, dry chemical, or appropriate foam to extinguish.

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 nitrite	7632-00-0	60-70%
sodium metaborate tetrahydrate	10555-76-7	30-40%
tolyltriazole sodium salt	64665-57-2	1-5%
phenolphthalein	77-09-8	<1%



#### Section 4 - First-aid measures

##### Emergency and First Aid Procedures:

<b>Inhalation</b>	Remove to fresh air and get medical attention.
<b>Eye Contact</b>	Immediately flush with water for 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash with soap and water.
<b>Ingestion</b>	If conscious, give 2 to 4 glasses of water and induce vomiting by touching finger to back of the throat. Call physician or 911 or poison control center.

##### Symptoms of Overexposure:

<b>Inhalation</b>	Dust or mist may irritate respiratory tract.
<b>Contact with Skin or Eyes</b>	May cause local irritation.
<b>Absorption Through Skin</b>	Solid will not absorb through skin.
<b>Ingestion</b>	Will irritate mouth, esophagus and stomach and large doses can lead to coma or death. LD50 for rat 185 mg/kg.

#### Section 5 - Fire-fighting measures

<b>Extinguishing Media</b>	water spray, carbon dioxide, dry chemical, or appropriate foam
<b>Fire Fighting Procedure</b>	Wear self contained breathing apparatus with full face piece approved by NIOSH.
<b>Unusual Fire/Explosion Hazard</b>	Evaporated residue produces solids which are toxic and are oxidizers.
<b>Hazardous Combustion Products</b>	Substance is noncombustible

#### Section 6 - Accidental release measures

<b>Spill Response Procedure</b>	Sweep up or shovel into clean fiber or steel drum and reuse. If flammable material is present, monitor clean-up with CO2 fire extinguisher.
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#### Section 7 - Handling and storage

<b>Handling Precautions</b>	No special handling procedures are required.
<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>
sodium nitrite	not listed	not listed
sodium metaborate tetrahydrate	10 mg/m3 TWA	10 mg/m3 TWA
tolyltriazole sodium salt	not listed	not listed
phenolphthalein	not listed	not listed
<b>Ventilation</b>	Local and 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>	Safety goggles.	
<b>Other Protective Equipment</b>	Wear impervious clothing or boots and NIOSH approved respirator for mists, dusts, nitrogen oxide gases.	



**Work / Hygenic Practices** Use due care. Protect containers from extreme temperatures.

**Section 9 - Physical and chemical properties**

<b>Appearance</b>	Pink powder	<b>Vapor Pressure @20°C</b>	N/A
<b>Odor</b>	Slight organic odor	<b>Vapor Density</b>	N/A
<b>Odor Threshold</b>	Not Determined	<b>Specific Gravity</b>	Approx. 72 lbs/cubic foot
<b>pH</b>	10.5 (10% Solution)	<b>Solubility in Water</b>	40%
<b>Melting Point, °F</b>	270 deg C	<b>Partition Coefficient</b>	Not Determined
<b>Boiling Point, °F</b>	Decomposes @ 300 deg C	<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>	N/A	<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>	not reactive in water
<b>Stability</b>	stable under normal conditions
<b>Conditions to Avoid</b>	Temperatures above 320 deg C. Hazardous reaction can occur with acids, ammonium compounds, reducing agents - particularly cyanides, thiocyanates, and thiosulfates, certain combustibles, and organics.
<b>Incompatible Materials</b>	Strong mineral acids.
<b>Hazardous Decomposition Products</b>	Nitrogen oxides and caustic residue.
<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>	Can cause cyanosis and lead to coma or death.
<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>
sodium nitrite	7632-00-0	3430 mg/kg	no data	no data
sodium metaborate tetrahydrate	10555-76-7	2330 mg/kg	>2000 mg/kg	no data
tolyltriazole sodium salt	64665-57-2	1980 mg/kg	2000 mg/kg	no data
phenolphthalein	77-09-8	no data	no data	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 nitrite	7632-00-0	No	No	No
sodium metaborate tetrahydrate	10555-76-7	No	No	No
tolyltriazole sodium salt	64665-57-2	No	No	No
phenolphthalein	77-09-8	Yes	Yes	Yes



### Section 12 - Ecological information

Overview: No data

### Section 13 - Disposal considerations

Preparing Waste For Disposal Dispose of in accordance with local, state, and federal guidelines.

### Section 14 - Transport information

DOT Shipping UN1500, SODIUM NITRITE, SOLID, 5.1, PG III

### Section 15 - Regulatory information

California Proposition 65 This product contains chemicals listed by California proposition 65.

HMIS Ratings Health: 2, Flammability: 0, Reactivity: 1

### Section 16 - Other information

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