## Section 1 - Identification

| | |
|---|---|
| **Product Name:** | CPL 3800 |
| **Alternate Name:** | Nitrite And Borate Inhibitor |
| **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;

# WARNING

**Causes serious eye irritation**
**Suspected of damaging fertility or the unborn child**
**May intensify fire; oxidizer**
Keep away from heat.
Keep/Store away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles.
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 EYE IRRITATION PERSISTS: 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.
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 | 10-20% |
| sodium metaborate tetrahydrate | 10555-76-7 | 1-5% |
| tolyltriazole sodium salt | 64665-57-2 | <1% |

## Section 4 - First-aid measures

**Emergency and First Aid Procedures:**

| | |
|---|---|
| **Inhalation** | Remove to fresh air and get medical attention. |
| **Eye Contact** | Immediately flush with water for 15 minutes. Get medical attention. |
| **Skin Contact** | Wash with soap and water. |
| **Ingestion** | If conscious, give 2 to 4 glasses of water and induce vomiting by touching finger to back of throat. Call physician or 911 or poison control center.(See section 1) |

**Symptoms of Overexposure:**

| | |
|---|---|
| **Inhalation** | Evaporated residue may irritate respiratory tract. |
| **Contact with Skin or Eyes** | May cause local irritation. |
| **Absorption Through Skin** | Liquid will not absorb through skin. |
| **Ingestion** | 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

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

## Section 6 - Accidental release measures

| | |
|---|---|
| **Spill Response Procedure** | Collect into clean fiber or steel drum and reuse. If flammable material is present, monitor clean-up with CO2, fire extinguisher. |

## 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** |
|---|---|---|
| sodium nitrite | not listed | not listed |
| sodium metaborate tetrahydrate | 10 mg/m3 TWA | 10 mg/m3 TWA |
| tolyltriazole sodium salt | not listed | not listed |

| | |
|---|---|
| **Ventilation** | Mechanical (general) exhaust required. |
| **Respiratory Protection** | Not necessary under normal use conditions. |
| **Protective Gloves** | Rubber or plastic gloves. |
| **Eye Protection** | Safety goggles. |
| **Other Protective Equipment** | Impervious boots and apron. NIOSH approved respirator needed in case of fire or chemical reaction. |
| **Work / Hygenic Practices** | Handle in accordance with good industrial hygiene and safety practices. |

## Section 9 - Physical and chemical properties

| | | | |
|---|---|---|---|
| **Appearance** | Pink color or colorless. | **Vapor Pressure @20°C** | N/A |
| **Odor** | Odorless | **Vapor Density** | N/A |
| **Odor Threshold** | Not Determined | **Specific Gravity** | 1.15 |
| **pH** | 11.0 | **Solubility in Water** | Complete |
| **Melting Point, °F** | 25 to 32 deg F | **Partition Coefficient** | Not Determined |
| **Boiling Point, °F** | 220 deg F | **Auto Ignition Temp, °F** | N/A |

| | | | |
|---|---|---|---|
| **Flash Point, °F** | Not Flammable | **Decomposition Temp, °F** | Not Determined |
| **Evaporation Rate** | 1.0 | **Viscosity** | Not Determined |
| **Flammability Limits** | N/A | **Percent Volatile** | 79% |

## Section 10 - Stability and reactivity

**Reactivity** not reactive in water

**Stability** stable under normal conditions

**Conditions to Avoid** Temperatures above 320 deg C. hazardous reaction can occur with acids, ammonium compounds, reducing agents, particularly cyanides, thiocyanates, and thiosulfates, certain combustibles, and organics.

**Incompatible Materials** Strong mineral acids.

**Hazardous Decomposition Products** Nitrogen oxides and caustic residue.

**Hazardous Polymerization** Hazardous polymerization will not occur.

## Section 11 - Toxicological information

**Routes of Entry** inhalation, skin or eye contact, ingestion

**Acute Exposure Symptoms** Can cause cyanosis and lead to coma or death.

**Chronic Exposure Effects** It can form carcinogens when combined with secondary amines.

**Medical Conditions Aggravated By Exposure** N/A

**Acute Toxicity:**

| Chemical Name | CAS Number | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|---|
| 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 |

**Carcinogenicity:**

Ingredients are on the following lists of suspected or known carcinogens:

| Chemical Name | CAS Number: | IARC | NTP | OSHA |
|---|---|---|---|---|
| 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 |

## 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, SOLUTION, 5.1, (6.1), PG III

## 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: 1 |

## Section 16 - Other information

| | |
|---|---|
| **Date Prepared** | 5/22/2015 |
| **Preparer** | Michael Bortnik, Keith Johnson |

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