

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.	
J	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 Product	s 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 sodium nitrite		OSHA PEL not listed	ACGIH TLV 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 wit	h 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
рН	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%

Reactivity not reactive in water Stability stable under normal conditions Conditions to Avoid Temperatures alow 320 deg C. hazardous reaction con occur with acids, armonium compounds, reducing agents, particularly cyanides, thiocyanates, and thiosulfates, certain combustibles, and organics. Incompatible Materials Strong mineral acids. Nitrogen oxides and cause tresidue. Strong mineral acids. Hazardous Decomposition Products Nitrogen oxides and cause tresidue. Strong mineral acids. Strong mineral acids. Strong mineral acids. Reaction 11 - Toxicological information Can cause cyanosis and least to construct. Section 11 - Toxicological information Can cause cyanosis and least to componed with secondary amines. Medical Conditions Aggravated by the properties N/A Chemical Name CAS Number Nada mg/ng No data no data Sodium metaborate tetrahydrate I Sossorate treation Soute second mg/ng No Soute second mg/ng Sodium nitrite Soute second mg/ng No No No Soute second mg/ng No No <th colspan="4">Section 10 - Stability and reactivity</th>	Section 10 - Stability and reactivity						
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 Kara couse cyanosis and lead to coma or death. Chronic Exposure Symptoms Can cause cyanosis and lead to coma or death. It can form carcinogens when combined with secondary amines. Inhalation. Inhalation. Medical Conditions Aggravated By Exposure N/A V/A Section 11 - Sign (Sign (Reactivity	not reactive in	water				
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	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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