

Material Safety Data Sheet

CL-210

QUICK IDENTIFIER
Common Name: (used on label and list)May be used to comply with OSHA's Hazard Communication Standard,
29CFR 1910.1200. Standard must be consulted for specific requirements.

SECTION 1 -

Manufacturer's Name Chemco Products, Inc.

Address 1349 Grand Oaks Drive

City, State, and ZIP Howell, MI 48843

Emergency Telephone No. (517) 546-7800

Other Information Calls (517) 546-7800

Signature of Person Responsible for Preparation (Optional)

Date Prepared May 1, 1986

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
Sodium hydroxide (50%)				≤ 5	1310-73-2
Sodium nitrite					7632-00-0

Shipping information: Industrial water treatment, Corrosive material NA1760

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	215°F	Specific Gravity (H ₂ O=1)	1.24	Vapor Pressure (mm Hg)	N.A.
		Vapor Density (Air = 1)	N.A.		
Solubility in Water	Complete	Reactivity in Water	N.A.		
Appearance and Odor	Clear, yellow liquid; no odor	Melting Point	N.A.		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	N.A.F.	C.	Method Used	N.A.	Flammable Limits in Air % by Volume	LEL Lower	N.A.	UEL Upper	N.A.
Auto-Ignition Temperature	N.A.		Extinguisher Media	N.A.					
Special Fire Fighting Procedures	None								

Unusual Fire and Explosion Hazards None

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable ☐ Conditions
Stable ☒ to Avoid N.A.

Incompatibility
(Materials to Avoid) Acids, acetanilide, chlorates, hyposulfites, permanganate, cyanogen compounds,
mercury salts.

Hazardous
Decomposition Products None

Hazardous May Occur ☐ Conditions
Polymerization Will Not Occur ☒ to Avoid N.A.

SECTION 6 - HEALTH HAZARDS

1. Acute

2. Chronic

Signs and
Symptoms of Exposure Aqueous solutions may cause skin irritation or fingernail yellowing. Nitrite poisoning in
is unlikely. (Ingestion causes low blood pressure, rapid heartbeat, and tissue anoxia. Excess ingestion results
in nausea, vomiting and diarrhea.)
Medical Conditions Generally
Aggravated by Exposure

Chemical Listed as Carcinogen
or Potential Carcinogen

National Toxicology Yes ☐
Program No ☐

I.A.R.C. Yes ☐
Monographs No ☐

OSHA Yes ☐
No ☐

Emergency and
First Aid Procedures

ROUTES OF ENTRY	1. Inhalation	
	2. Eyes	Flush affected area with copious amounts of water.
	3. Skin	Flush affected area with copious amounts of water.
	4. Ingestion	Keep patient prone and warm, administer oxygen, and call a physician to treat patient for nitrite poisoning.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken
in Handling and Storage Protect from freezing and keep container closed.

Other
Precautions None

Steps to be Taken in Case
Material is Released or Spilled Absorb spillage with sawdust or other absorbent material.

Waste Disposal
Methods (Consult federal, state, and local regulations) Dispose of in accordance with all applicable local, state and federal
regulations. (Hazardous substance - RQ-1000) 1,000 lbs. or more released into the environment, reportable qty.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection
(Specify Type) Use NIOSH approved equipment with full face piece when airborne exposure is excessive.

Ventilation	Local Exhaust Adequate	Mechanical (General) N.A.	Special N.A.	Other N.A.
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Protective
Gloves Rubber
Eye Protection Chemical goggles/face shield

Other Protective
Clothing or Equipment Coveralls or impermeable clothing.

Work/Hygienic Practices