

Material Safety Data Sheet

BL-701A

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.	Emergency Telephone No.	(517) 546-7800
Address	1349 Grand Oaks Drive	Other Information Calls	Same as above.
City, State, and ZIP	Howell, MI 48843	Date Prepared	MAY 01 1986
Signature of Person Responsible for Preparation (Optional)			

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
Sodium hydroxide				≤ 20%	1310732
Morpholine				≤ 5%	110-91-8

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	> 212° F	Specific Gravity (H ₂ O=1)	1.146	Vapor Pressure (mm Hg)	N.A.
		Vapor Density (Air = 1)	N.A.		
Solubility in Water	Completely Soluble	Reactivity in Water	N.A.		
Appearance and Odor	Colorless	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	Non-flammable
Auto-Ignition Temperature	N.A.	Extinguisher Media		This product is not combustible. Water spray, foam, carbon dioxide or dry chemical may be used where this product is stored.			
Special Fire Fighting Procedures	Protective clothing and pressure-demand self-contained breathing apparatus should be worn by fire fighters in areas where product is stored.						
Unusual Fire and Explosion Hazards	None						

N.A. - No relevant information found/available or not applicable.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable ☐ Conditions
Stable ☒ 80 to Avoid

Incompatibility (Materials to Avoid) Avoid contact with strong acids, strong oxidizers and metals like aluminum, tin, and zinc alloys containing these metals.

Hazardous Decomposition Products None known.

Hazardous Polymerization May Occur ☐ Conditions ☒ to Avoid None known.

SECTION 6 - HEALTH HAZARDS

1. Acute Corrosive to all body tissues with which it comes in contact. 2. Chronic The chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis. Similarly, inhalation of dust, spray, or mist may result in varying degrees of irritation or damage to the respiratory tract tissues and an increased susceptibility to respiratory illness.

Signs and Symptoms of Exposure Inhalation: Sore throat, coughing-shortness of breath. Skin: Short single exposure may cause skin irritation. Prolonged or repeated exposure may cause serious chemical and/or thermal burns. Eyes: Severe irritation or burns that could result in permanent damage. Ingestion: Severe burns may cause complete tissue perforation of mucous membranes of the mouth, throat, esophagus and stomach. Spasms, vomiting.

Chemical Listed as Carcinogen or Potential Carcinogen Morpholine

National Toxicology Program Yes ☐ No ☒

I.A.R.C. Monographs Yes ☐ No ☒

OSHA Yes ☒ No ☐

Emergency and First Aid Procedures

ROUTES OF ENTRY**1. Inhalation**

- Remove from exposure. Administer oxygen if available.

2. Eyes

Immediately flush with water for at least 15 minutes, holding lids apart. Consult medical.

3. Skin

Remove contaminated clothing. Wash with plenty of water for at least 15 minutes. Consult medical.

4. Ingestion

Do not induce vomiting. Give large quantities of water or milk. Get prompt medical attention. Never give anything by mouth to an unconscious person.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Avoid contact with aluminum, tin, zinc, and alloys containing these metals.

Protect from freezing.

Other Precautions Keep containers closed when not in use.

Steps to be Taken in Case Material is Released or Spilled Leaks should be stopped. Spills should be contained and cleaned up immediately. Large spills: Vacuum into appropriate containers. Flush with water. Small spills: Cover with some inert absorbent material; sweep or shovel up and place in a waste disposal container. Flush area with water. Do not flush to sewers, streams or storm conduits. Wear protective clothing.

Waste Disposal Methods (Consult federal, state, and local regulations) Clean-up materials and any contaminated equipment must be disposed of in accordance with all applicable federal, state, and local health and environmental regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) Not required under normal use. Use NIOSH/MSHA approved respirator where mists may be generated.

Ventilation Local Exhaust Adequate Mechanical (General) Special Other

Protective Gloves Natural and butyl rubber gloves. Eye Protection Chemical goggles with face shield

Other Protective Clothing or Equipment Coveralls to prevent skin contact. Showers and eyewash facilities should be accessible.

Work/Hygiene Practices Launder contaminated clothing before reuse. Discard footwear or other items which can not be decontaminated.