

PRODUCT NAME: BL-701-A

SECTION V: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

ORAL INGESTION: Severe alkaline chemical burns to all tissues with which contact is made. May be fatal.
SKIN CONTACT: Severe chemical burns and possible deep ulceration with subsequent scarring, depending on degree of overexposure.
EYE CONTACT: Causes severe chemical burns and possible permanent damage and/or blindness.
INHALATION: Irritation or damage to upper respiratory tract, depending on severity of exposure.

SUBCHRONIC, CHRONIC & OTHER EFFECTS: None known or expected.

SECTION VI: EMERGENCY & FIRST AID PROCEDURES

Prompt action is essential in minimizing damage!

EYES: Hold eyelids open and flush eyes with fresh water for 15 minutes; get immediate medical attention.
SKIN: Immediately remove contaminated clothing and flush affected skin with water, then scrub with soap and water. If irritation occurs, get prompt medical attention. Launder contaminated clothing before reuse. Discard contaminated shoes.
ORAL: Immediately wash out mouth with water. If swallowed, dilute by drinking several glasses of water. Do NOT induce vomiting. Get immediate medical attention.
INHALATION: Move victim to fresh air. If unconscious, administer artificial respiration or oxygen. Get prompt medical attention.

SECTION VII: REACTIVITY DATA

STABILITY: Stable: Yes. Unstable: No.
HAZARDOUS POLYMERIZATION: Does not occur.
CONDITIONS TO AVOID: None specific.
INCOMPATIBILITY (materials to avoid): Acidic materials, oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Acidic: sulfur oxides. Thermal: oxides of sulfur, nitrogen & carbon.

SECTION VIII: SPILL OR LEAK PROCEDURES

REPORTABLE QUANTITIES (RQ) IN LBS. OF EPA HAZARDOUS SUBSTANCES IN PRODUCT: N/A.

NOTIFY EPA OF PRODUCT SPILLS EQUAL TO OR EXCEEDING N/A LBS.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wear impervious boots and gloves. Dike spill area, cover spill with an inert absorbent, sweep or shovel up and discard in compliance with local, state and federal regulations.

WASTE DISPOSAL METHOD: Product is consumed during use. Full-strength material should be discharged only to a chemical waste treatment facility, observing all local, state and federal regulations.

SECTION IX: PERSONAL PROTECTION, HANDLING & STORAGE

PROTECTIVE GLOVES: Neoprene, covering forearms. EYE PROTECTION: Splash-proof goggles, face mask.
OTHER PROTECTIVE CLOTHING: Neoprene apron, rubber boots.

MATERIAL SAFETY DATA SHEET

DATE ISSUED: 4/14/89

DATE REVISED:

Abbreviations: N/A = Not applicable; ND = No data or not known.

SECTION I: PRODUCT IDENTIFICATION & GENERAL INFORMATION

PRODUCT NAME: BL-701-A
CHEMICAL NAME & SYNONYMS: N/A (mixture)
CAS NUMBER: N/A
CHEMICAL FAMILY: Liquid boiler treating compound.

PROPER SHIPPING NAME: Boiler Compound, Liquid.

DOT HAZARD CLASS & ID NUMBER: Corrosive Material, NA-1760. TRANSPORTATION EMERGENCY: Call CHEMTREC: (800)424-9300

DOT REQUIRED LABELS: Corrosive

MANUFACTURER'S NAME: Chemco Products, Inc.

MANUFACTURER'S EMERGENCY PHONE: (517) 546-7800

MANUFACTURER'S ADDRESS: 1349 Grand Oaks Dr., Howell, MI 48843

SECTION II: HAZARDOUS INGREDIENTS

Hazardous Agent	CAS #	Percent	Toxicity Data
Sodium hydroxide	1310-73-2	10-15	TLV: C 2 mg/m ³
Cyclohexylamine	108-91-8	1-2	TLV (Skin): 10 ppm Oral LD ₅₀ , mouse: 156 mg/kg

SECTION III: PHYSICAL DATA

BOILING POINT (°F): approx. 212
VAPOR PRESSURE (mm Hg): as water
VAPOR DENSITY (AIR = 1): as water
SOLUBILITY IN WATER: complete
APPEARANCE & ODOR: Opaque, dark brown liquid; amine odor.

SPECIFIC GRAVITY (H₂O = 1): 1.1-1.2
% VOLATILE BY VOLUME: N/A
pH AS SHIPPED: 12-14
OTHER: N/A

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT, °F (method used): None at boiling, closed cup.
AUTO-IGNITION TEMPERATURE, °F: N/A
EXTINGUISHING MEDIA: Suitable to surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS: If heated to dryness, hazardous sulfur oxides may be generated.
If heated above the boiling point, combustible amine vapors may be generated.

FLAMMABLE LIMITS: N/A