

# MATERIAL SAFETY DATA SHEET

HMIS HAZARDOUS MATERIALS  
IDENTIFICATION SYSTEM

(Prepared According to 29 CFR 1910.1200)

A = Safety Glasses  
B = A + Gloves  
C = B + Apron  
D = C + Face Shield  
E = B + Dust Mask

F = C + Dust Mask  
G = B + Respirator  
H = F + Goggles  
I = B + Respirator  
X = Ask Supervisor

4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

Health.... 3  
Flammability.... 0  
Reactivity.... 0  
Protection.... C

## SECTION I - PRODUCT IDENTIFICATION

**Product Code: 709**    **Supersedes date: June 19, 2002**    **Section(s) changed: I, II, VIII**    **Effective date: December 18, 2003**

PRODUCT NAME: CPC-709    CHEMICAL FAMILY: Alkaline Cleaner  
GENERIC NAME: High Performance, Aluminum-Safe Alkaline Detergent    FORMULA: Proprietary Mixture  
MANUFACTURERS NAME:    MANUFACTURERS ADDRESS:  
INFORMATION PHONE NUMBER: 314-771-6600  
EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT: CHEMTREC 800-424-9300  
PROPER SHIPPING DESCRIPTION: >1QT: Caustic Alkali Liquids, n.o.s. (Contains Potassium Hydroxide), 8, UN1719, II    LABEL: Corrosive  
≤1QT: Caustic Alkali Liquids, n.o.s. (Contains Potassium Hydroxide), LTD QTY, 8, UN1719, II    LABEL: None

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	OTHER
Potassium Hydroxide	1310-58-3	<10%	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

## SECTION III - PHYSICAL/CHEMICAL DATA    SECTION IV - FIRE & EXPLOSION HAZARD DATA

Boiling Point (°F): >212	Specific Gravity: 1.14	FLASH POINT (Method Used): None	LIMITS: LEL: NA    UEL: NA
Vapor Pressure (mm Hg): 17	Lbs/Gal Density: 9.5	EXTINGUISHING MEDIA: Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.	
Vapor Density (Air=1): 0.62	pH Concentrate: 13	SPECIAL FIRE FIGHTING PROCEDURES: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.	
Evaporation Rate: (Water=1): GT 1.0	pH 1%: 11.0	UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn, but may splatter if temperature exceeds boiling point.	
Solubility in Water: Complete			
Physical Description: Clear Liquid			
Characteristic Odor			

## SECTION V - REACTIVITY DATA

Stability: Stable; protect from freezing.  
Hazardous Polymerization: Will not occur.  
Incompatibility (Materials to Avoid): Strong oxidizing, reducing agents; acids; cationics  
Hazardous Decomposition Products: If burned, normal combustion products:  
Carbon Dioxide, Carbon Monoxide, Nitrous Oxides.

## SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. DANGER. POISON.  
Avoid all contact. Store upright in original closed container.  
Other Precautions: Do not get in eyes, on skin or on clothing. Remove & wash contaminated clothing before reuse.

## SECTION VII - HEALTH HAZARDS AND FIRST AID

Carcinogenicity: NE	NTP? NE	IARC Monographs? NE	OSHA REGULATED? YES
EFFECTS OF OVEREXPOSURE: SKIN: Severe burns. Corrosive. EYES: Severe burns. Corrosive. INHALATION: Severe burns. INGESTION: Severe burns. Corrosive.	EMERGENCY FIRST AID PROCEDURES: SKIN: Flush with flowing water for 15 minutes. See physician if burning persists. EYES: Flush with flowing water for 15 minutes & see physician. INHALATION: Remove to fresh air. INGESTION: Give a teaspoonful of milk of magnesia, followed by milk or water to dilute material. DO NOT induce vomiting. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.		

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: (Specify type) Normal room ventilation.  
VENTILATION: Local exhaust preferred. Mechanical (general) acceptable. Avoid breathing vapor or spray.  
PROTECTIVE GLOVES: Impervious rubber, alkali proof.  
EYE PROTECTION: Splash proof chemical goggles or face shield.  
OTHER PROTECTIVE EQUIPMENT: Impervious rubber boots & apron. Eye wash facilities. Safety Shower.  
WORK/HYGIENIC PRACTICES: Practice good personal hygiene. Wash after handling. Shower at end of work period.

## SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Neutralize with dilute acid or sodium bicarbonate. Mop up & flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.  
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations.

## SECTION X - ADDITIONAL FEDERAL REGULATIONS

SARA TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.  
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: POTASSIUM HYDROXIDE  
For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

NE - Not Established    NA - Not Applicable    GT - Greater Than

Manufactured by: Intercon Chemical Company 1100 Central Industrial Drive, St. Louis, MO 63110