

CG 2435

**MATERIAL SAFETY DATA SHEET**

(Prepared According to 29 CFR 1910.1200)

**HMIS HAZARDOUS MATERIALS****IDENTIFICATION SYSTEM**

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  
 Physical Hazard.... 1  
 Protection.... D

**SECTION I - PRODUCT IDENTIFICATION****Product Code: 700**

Supersedes date: July 14, 2004

Section(s) changed: I, II, III, X

Effective date: September 26, 2008

PRODUCT NAME: POWER-BREAK

CHEMICAL FAMILY: Alkaline Detergent

GENERIC NAME: Builder/Break

FORMULA: Proprietary Mixture

DISTRIBUTORS NAME:

DISTRIBUTORS 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: Caustic Alkali Liquid, n.o.s. (Contains sodium hydroxide), 8, UN1719, II

LABEL: Corrosive

**SECTION II - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS No.	WT%	OSHA PEL	ACGIH TLV	OTHER
Sodium Hydroxide	1310-73-2	<25	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	

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**SECTION III - PHYSICAL/CHEMICAL DATA**

Boiling Point (°F): 210  
 Vapor Pressure (mm. Hg): 17  
 Vapor Density (Air=1): 0.62  
 Evaporation Rate: (Water=1): GT 1.00  
 Solubility in Water: Complete  
 Physical Description: Clear Colorless Thin Liquid  
 Mild Odor

Specific Gravity: 1.23  
 Lbs/Gal Density: 10.28  
 pH Concentrate: 14  
 pH Use Dilution: 13

**SECTION IV - FIRE & EXPLOSION HAZARD DATA**

FLASH POINT (Method Used): None LIMITS: LEL: NA UEL: NA  
 EXTINGUISHING MEDIA: Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.  
 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.  
 UNUSUAL FIRE & EXPLOSION HAZARD: Use water spray to cool adjacent fire exposed containers. Product will not burn but may splatter if temperature exceeds boiling point.

**SECTION V - REACTIVITY DATA**

Stability: Stable.  
 Hazardous Polymerization: Will not occur.  
 Incompatibility (Materials to Avoid): Strong Acids.  
 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 EYES: Severe burns INHALATION: Severe burns INGESTION: Severe burns	EMERGENCY FIRST AID PROCEDURES: SKIN: Wash with soap & water for 15 minutes. See physician if burning persists. EYES: Flush with flowing water for 15 minutes & see physician. INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help. INGESTION: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. 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) at point of mist 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: Mop up & flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls. Neutralize with dilute acid or sodium bicarbonate.  
 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: SODIUM 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