

# 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.... 1  
Protection.... C

## SECTION I - PRODUCT IDENTIFICATION

**Product Code: 686**      **Supersedes date: March 11, 2002**      **Section(s) changed: I, II, VIII**      **Effective date: May 10, 2004**

PRODUCT NAME: B.A.D.      CHEMICAL FAMILY: Heavy Duty Stripper and Detergent  
GENERIC NAME: High Alkaline and Butyl Industrial Cleaner      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: > 1 QT: Compounds, cleaning liquid, (Contains Potassium Hydroxide), 8, NA1760, II      LABEL: Corrosive  
≤ 1 QT: Compounds, cleaning liquid, (Contains Potassium Hydroxide), LTD. QTY., NA1760, II      LABEL: None

## SECTION II - HAZARDOUS INGREDIENTS

| CHEMICAL NAME       | CAS No.   | Wt% | OSHA PEL            | ACGIH TLV           | OTHER |
|---------------------|-----------|-----|---------------------|---------------------|-------|
| Potassium Hydroxide | 1310-58-3 | <15 | 2 mg/m <sup>3</sup> | 2 mg/m <sup>3</sup> |       |
| 2-Butoxyethanol     | 111-76-2  | <20 | 50 ppm              | 25 ppm              |       |

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

Boiling Point (°F): 212      Specific Gravity: 1.07  
Vapor Pressure (mm Hg): 17      Lbs/Gal Density: 8.88  
Vapor Density (Air=1): 0.62      pH Concentrate: 13.5  
Evaporation Rate: (Water=1): GT 1.00      pH Use Dilution: 12  
Solubility in Water: Complete  
Physical Description: Clear Purple Thin Liquid  
Butyl Odor

## 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 oxidizing agents.  
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. WARNING.  
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: | NTP? | IARC Monographs? | OSHA REGULATED? |
|------------------|------|------------------|-----------------|
| NE               | NE   | NE               | YES             |

EFFECTS OF OVEREXPOSURE:      EMERGENCY FIRST AID PROCEDURES:  
SKIN: Severe burns      SKIN: Wash with soap & water for 15 minutes. See physician if irritation persists.  
EYES: Severe burns      EYES: Flush with flowing water for 15 minutes & see physician.  
INHALATION: Irritation or burns      INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.  
INGESTION: Dizziness, severe burns      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: Normal room ventilation.  
VENTILATION: Local exhaust preferred. Mechanical (general) at point of mist acceptable. Avoid breathing vapor or spray.  
PROTECTIVE GLOVES: Alkali proof.  
EYE PROTECTION: Safety glasses.  
OTHER PROTECTIVE EQUIPMENT: Apron.  
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.  
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations.

## SECTION X - ADDITIONAL FEDERAL REGULATIONS

SARA TITLE III (EPCRA) NOTIFICATION: GLYCOL ETHERS  
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: GLYCOL ETHERS, 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