

MATERIAL SAFETY DATA SHEET**Uni-Kem Chemicals, Inc.**

802 William Leigh Dr.

Tullytown, PA 19007

Phone: 215-269-1800

N.A.=Not Applicable

Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date: 03/12/2003

SECTION 1 - GENERAL PRODUCT DATA**Product Name:** UNI BREAK POWDER**Product Code:** UBRK**HMIS Legend:** 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant**HMIS Hazard Code:** Health:1 Flammability:0 Reactivity:1**Chemical Family:** Formulated Powdered Detergent**D.O.T. Shipping Name:** Compound, Cleaning Dry, Contains Sodium Hydroxide, 8, UN 1824,PGII **Hazard Class:** N/A**CHEM-TEL, INC.****24 Hour Emergency Contact 1-800-255-3924****Chemical Strength:** Alkaline material**Formula:** Proprietary**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
SODIUM HYDROXIDE	1310-73-2	2MG/M3			30

Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910. 1200)

SECTION 3 - PHYSICAL DATA**Boiling Point (°F):** 0**Vapor Pressure (mm Hg):** = N/A**Appearance:** Granular, White Powder**Specific Gravity:** N/A**Percent Volatile By Volume:** N/A**Evaporation Rate:** = N/A**Odor:** Characteristic **pH:** 11**SECTION 4 - FIRE AND EXPLOSION DATA****Flash Point (F):** N/A**Flammable Limits:** N/A**Unusual Fire & Explosion Hazards:** Not considered combustible
Special Fire Fighting Procedures: This product is not normally considered combustible and will not burn or sustain combustion. In extreme heat or fire conditions toxic gases and corrosive solutions may be generated.**SECTION 5 - HEALTH HAZARD DATA****Route(s) of Entry:** Inhalation: Yes Skin: No Ingestion: Yes **Threshold Limit Value:** N/A**Effects of Overexposure:** Respiratory irritant. Contact can cause burns of skin, eyes and mucous membranes.**Emergency & First Aid Procedures:****Inhalation:** If inhaled, Move person to fresh air and get medical attention If effects occur.**For Skin:** Wash with cool running water for 15 minutes. Seek medical attention if irritation develops.**For Eyes:** Rinse with cool running water for 15 minutes. Get immediate medical attention.**If Ingested:** If swallowed, give several cups of water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.**Carcinogen:** Not considered carcinogenic by OSHA, NTP, or IARC**SECTION 6 - REACTIVITY DATA****Stability:** Stable**Conditions to Avoid:** Extreme heat**Incompatibility:** Acids, strong oxidizing agents, aluminum & other soft metals**Hazardous Decomposition Products:** Chlorine gas and related toxic gases**Hazardous Polymerization:** Will not occur**SECTION 7 - SPILL OR LEAK PROCEDURES****Steps to be taken if material is released or spilled:**

See Section 8 for Protective Equipment. Avoid dermal contact. Stop flow of product. Vacuum or scrap up large spills. Dilute with water and neutralize as required. Wash away small spills with plenty of water.

Waste disposal method: Dispose of in accordance with all applicable federal, state and local regulations. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.**SECTION 8 - PROTECTIVE EQUIPMENT****Respiratory Protection:** Particle removing respirator**Ventilation:** Adequate general ventilation**Protective Gloves:** Rubber or latex gloves**Eye Protection:** Safety glasses with side shields**Other Protective Equipment:** None anticipated for normal handling**SECTION 9 - SPECIAL PRECAUTIONS****Precautions to be taken in handling and storage:**

Store in a cool, dry place. Keep container closed when not in use. Use with adequate ventilation. Avoid contact with skin and eyes or the inhalation of dusts. Wash thoroughly after handling.

Other Precautions: Do not take internally. Avoid contamination of food. For industrial use only. Keep out of reach of children. Do not mix with anything but water. Avoid strong oxidizing agents & acids. Do not use on aluminum & other soft metals.**SECTION 313 SUPPLIER NOTIFICATION**

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

This information must be included in all MSDS's that are copied and distributed for this material.

NOTICE

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy, including the implied warranties of merchantability or fitness for a particular use or method of application. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the products improper use.