

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

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Phone: 215-269-1800

N.A.=Not Applicable

Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date: 3/19/03

**SECTION 1 - GENERAL PRODUCT DATA****Product Name:** GREASE BEATER**Product Code:** GBE**HMIS Legend:** 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant**HMIS Hazard Code:** Health:1 Flammability:0 Reactivity:0**Chemical Family:** Formulated Liquid Detergent**D.O.T. Shipping Name:** Corrosive Liquid, NOS, Contains Potassium Hydroxide, 8, UN 1814, PGII**CHEM-TEL, INC.****24 Hour Emergency Contact 1-800-255-3924****Chemical Strength:** Alkaline material**Formula:** Proprietary**Hazard Class:** 8**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
Potassium Hydroxide	1310-58-3				>10
2 BUTOXY ETHANOL	111-76-2	50			<5
NJTSR#39210900-5049P					<1

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

**SECTION 3 - PHYSICAL DATA****Boiling Point (°F):** 221**Vapor Pressure (mm Hg):** = N/A**Appearance:** Free flowing liquid**Specific Gravity:** 1.198**Percent Volatile By Volume:** N/A**Evaporation Rate:** = N/A**Odor:** Citrus**pH:****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.

Protect from irritating mists and corrosive solutions with pressure-demand, self contained respirator and protective clothing.

**SECTION 5 - HEALTH HAZARD DATA****Route(s) of Entry:** Inhalation: No Skin: Yes Ingestion: Yes**Threshold Limit Value:** N/A**Effects of Overexposure:** Contact with eyes may cause irritation or burns. May cause irritation and defatting of the skin.**Emergency & First Aid Procedures:****For Skin:** Wash with cool running water. Seek medical attention if irritation develops. Wash contaminated clothing before reusing.**For Eyes:** Rinse with cool running water for 15 minutes. Seek medical attention if irritation develops.**If Ingested:** If swallowed, give several cups of water to dilute. Do not induce vomiting. Seek 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:** Spills and careless handling**Incompatibility:** Acids, aluminums and other soft metals**Hazardous Decomposition Products:** None anticipated**Hazardous Polymerization:** Will not occur**SECTION 7 - SPILL OR LEAK PROCEDURES****Steps to be taken if material is released or spilled:**

Spills may be slippery. Stop flow of product. Dilute with water and neutralize as necessary. Collect large spills for proper disposal. Wash spill area 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 - SUGGESTED PROTECTIVE EQUIPMENT****Respiratory Protection:** Particle removing face piece**Ventilation:** Adequate general ventilation**Protective Gloves:** Rubber or latex gloves**Eye Protection:** Safety glasses recommended**Other Protective Equipment:** Eye bath/ safety shower. Rubber boots and apron as required**SECTION 9 - SPECIAL PRECAUTIONS****Precautions to be taken in handling and storage:**

Store at room temperature. Keep from freezing. Keep container closed when not in use. Use with adequate ventilation. Avoid contact with eyes.

**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 acids and 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:

111-76-2

2 Butoxy Ethanol

&lt;5

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

**NOTICE**

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