

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:** SUPERKLEEN H.D. DEGREASER**Product Code:** HDDEG**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#39210900-5031P					<5
NJTSR#39210900-5101P					<5

Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910.1200)

SECTION 3 - PHYSICAL DATA**Boiling Point (°F):** 214**Vapor Pressure (mm Hg):** = N/A**Appearance:** Free flowing liquid**Specific Gravity:** 1.012**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

<5

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

NOTICE

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