

**MATERIAL SAFETY DATA SHEET****Uni-Kem Chemicals, Inc.**802 William Leigh Dr.  
Tullytown, PA 19007  
Phone 215-269-1800N.A.=Not Applicable  
Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date: 03/17/2003

**SECTION 1 - GENERAL PRODUCT DATA****Product Name:** CYCLE 2 - SURFACTANT**Product Code:** C2CY**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:** Compound, Cleaning Liquid**CHEM-TEL, INC.****24 Hour Emergency Contact 1-800-255-3924****Chemical Strength:** Mildly Alkaline**Formula:** Proprietary**Hazard Class:** N/A**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
ISOPROPYL ALCOHOL	67-63-3	400PPM	400PPM		>2
NJTSR#39210900-5031P					>30
NJTSR#39210900-5038P					<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:** Clear, medium viscosity liquid  
**Specific Gravity:** 1.012  
**Percent Volatile By Volume:** N/A  
**Evaporation Rate:** = N/A  
**Odor:** Characteristic                      **pH:** 6.8 (Concentrate)**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**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.  
**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:** None known  
**Incompatibility:** Strong oxidizing agents  
**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. 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:** None usually required  
**Ventilation:** Adequate general ventilation  
**Protective Gloves:** Rubber or latex gloves  
**Eye Protection:** Safety glasses recommended  
**Other Protective Equipment:** None usually 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 strong oxidizing agents.**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 of 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.