

**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

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**SECTION 1- GENERAL PRODUCT DATA****Product Name:** TUB AND TILE CLEANER**Product Code:** TTC**HMIS Legend:** 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant**HMIS Hazard Code:** Health:2 Flammability:0 Reactivity:2**Chemical Family:** FORMULATED LIQUID DETERGENT**D.O.T. Shipping Name:** CORROSIVE LIQUID, NOS, CONTAINS PHOSPHORIC ACID, 8, UN1805, PGII **Hazard Class:** 8**CHEM-TEL, INC.****24 Hour Emergency Contact 1-800-255-3924****Chemical Strength:** Acidic**Formula:** Proprietary**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
Phosphoric Acid	7664-38-2	1mg/m3	1mg/m3		<15
NJTSR#39210900-5080P					<1
NJTSR#39210900-5031P					<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:** Characteristic**pH:** N/A**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: No Skin: No Ingestion: Yes **Threshold Limit Value:** N/A**Effects of Overexposure:** Solutions of this product are an extreme respiratory irritant. Contact can cause severe burns of skin and eyes.**Emergency & First Aid Procedures:****Inhalation:** If inhaled, remove person to fresh air and get immediate 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:** CHLORINE BLEACHES, OXIDIZING AGENTS, METALS AND ALKALIS**Hazardous Decomposition Products:** Hydrogen released in the presence of metals**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:** None usually required**Ventilation:** Adequate general ventilation**Protective Gloves:** Rubber or latex gloves when handling solutions**Eye Protection:** Safety glasses recommended**Other Protective Equipment:** Use rubber boots & apron as required. Eye bath & safety shower.**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 solutions of this product. 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, aluminum and 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:

Phosphoric Acid 7664-38-2 &lt;10

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

**NOTICE**

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