## **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

Date: 03/31/2003

Prepared by: Regulatory Affairs Department

**SECTION 1- GENERAL PRODUCT DATA** 

Product Name: SYNERGY 2000 4 SOFT SOUR

Product Code: SL4

HMIS Legend: 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant

HMIS Hazard Code: Health:2 Flammability:0

Chemical Family: Compound Cleaning Dry D.O.T. Shipping Name: Solid Detergent Block

CHEM-TEL, INC.

24 Hour Emergency Contact 1-800-255-3924

Chemical Strength: Mildly Acidic

Formula: Proprietary

Hazard Class: N/A

**SECTION 2 - HAZARDOUS INGREDIENTS** 

 CHEMICAL NAME
 CAS NO.
 OSHA PEL
 ACGIH
 TLV
 %

 Phosphoric Acid
 7664-38-2
 1mg/m3
 1mg/m3
 <10</td>

 NJTSR#39210900-5082P
 <5</td>

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

Reactivity:2

**SECTION 3 - PHYSICAL DATA** 

Boiling Point (°F): 0

Vapor Pressure (mm Hg): = N/A

Appearance: Solid Specific Gravity: N/A

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 susttain 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 unconsious 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 9 - SPECIAL PRECAUTIONS** 

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.

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 industrail 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 <10

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 warrantv, 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.