MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-2; Flammability-0; Reactivity-0; Special- -	**HMIS Rating:** Health-2; Flammability-0; Reactivity-0; Personal Protection-B
Manufacturer's Name: Rite-Kem, Inc. Address: 703 Westmoreland Dr. Address: Tupelo, MS 38803-3454	**DOT Hazard Classification:** Non-Hazardous **Identity** (trade name as used on label)**:** **DET STAR**
Date Prepared: 06/26/2002 Prepared By: ml	Det Star Dishwashing Compound Revision - 2
Information Calls: (662)840-6060 Emergency Response Number: 1-800-424-9300	NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
SODIUM HYDROXIDE	1310-73-23		2mg/M3	2mg/M3	

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	**Specific Gravity** (H2O=1): N/A
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	**Vapor Pressure** (Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/A	**Evaporation Rate** (water = 1): N/A
Solubility in Water: Total	**Water Reactive:** No
Appearance and Odor: DRY WHITE POWDER WITH CLEAN ODOR	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/A	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A

FLASH POINT AND METHOD USED (non-aerosols): None **SPECIAL FIRE FIGHTING PROCEDURES:** None	**EXTINGUISHER MEDIA:** Product is non-combustible.
Unusual Fire & Explosion Hazards: None	

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [ ] UNSTABLE	**HAZARDOUS POLYMERIZATION** [ ] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizing agents.	**Conditions to Avoid:** None
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [ ] INHALATION [ ] INGESTION [X] SKIN ABSORPTION [X] EYE [ ] NOT HAZARDOUS

ACUTE EFFECTS

Inhalation: May cause irritation to mucous membranes.

Eye Contact: Irritating	**Skin Contact:** Irritating

Ingestion: May cause diarrhea, nausea.

CHRONIC EFFECTS: Prolonged exposure to diluted mists may cause skin and/or eye irritation or dermatitis.

Medical Conditions Generally Aggravated by Exposure: None known.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes, then apply an isotonic solution. If irritation persists, get medical attention.

Skin Contact: Wash with soap and water. If irritation persists, get medical attention.

Inhalation: Remove to fresh air.

Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water followed by a weak vinegar solution. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None required.

Protective Gloves: Rubber	**Eye Protection:** Splash goggles or face shield.

Ventilation Requirements: Normal ventilation is adequate.

Other Protective Clothing & Equipment: Splash apron and rubber boots, if desired.

Hygienic Work Practices: Wash face, hands and exposed skin after use.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Dike and contain. Recollect for reuse of concentrate. After removal of excess fluid, neutralize residual with vinegar water. Very small spills may be washed down the sewer.

Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.

Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat and cold.

Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only