

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 49 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION					
<b>NFPA Rating:</b> Health-1; Flammability-0; Reactivity-0; Special -			<b>HMIS Rating:</b> Health-1; Flammability-0; Reactivity-0; Personal Protection-B		
Manufacturer's Name: <b>Rite-Kem, INC.</b> Address: 703 Westmoreland Drive Tupelo, MS 38801  CAGE 0VVNO GSA GS-07F-0283J Date Prepared: 10/10/2007      Prepared By: ml  Revision - 4			<b>DOT Hazard Classification:</b> Non-Hazardous  <b>Identity</b> (trade name as used on label): <p style="text-align: center; font-weight: bold; font-size: 1.2em;">C C S D</p>		
Information Calls: (662)840-6060      800-841-5351 <b>EMERGENCY RESPONSE NUMBER: 1(800)424-9300 CHEMTREC</b>			NOTICE: JUDGMENT 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 **
<b>2-(2-BUTOXYETHOXY) ETHANOL</b>	112-34-5	N/E	N/E	N/E	d
<b>SODIUM METASILICATE</b>	683-49-20	No	N/E	N/E	d
<b>TETRAPOTASSIUM PYROPHOSPHATE ANHYDROUS</b>	7320-34-5	No	N/E	N/E	d
<b>Percentages and non-hazardous ingredients are trade secrets</b>					
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
<b>Boiling Point:</b> >200°F			<b>Specific Gravity</b> (H <sub>2</sub> O=1): 1.05		
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A			<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/D		
<b>Vapor Density</b> (Air = 1): N/D			<b>Evaporation Rate</b> (water = 1): 1		
<b>Solubility in Water:</b> 100%			<b>Water Reactive:</b> No		
<b>Appearance and Odor:</b> Clear, non-viscous fluid with a clean odor					
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA					
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A		<b>Auto Ignition Temperature</b> N/A		<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/A      % UEL: N/A	
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): Non-Combustible			<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> non-combustible. Use media compatible with surrounding fire.		
<b>EXTINGUISHER MEDIA:</b> Not considered a combustible product. Use techniques applicable to surround fire.					
<b>Unusual Fire &amp; Explosion Hazards:</b> May react with aluminum and generate hydrogen gas.					
SECTION 4 - REACTIVITY HAZARD DATA					
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR		
<b>Incompatibility</b> (Mat. to avoid): Bare or reactive metals. Soft metals such as aluminum.			<b>Conditions to Avoid:</b> Bare metals in the presence of elevated temperature.		
<b>Hazardous Decomposition Products:</b> Oxides of carbon and sulfur, unidentified organic compounds.					
SECTION 5 - HEALTH HAZARD DATA					
<b>PRIMARY ROUTES OF ENTRY:</b> [ ] INHALATION [ X ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS					
ACUTE EFFECTS					
<b>Inhalation:</b> Inhalation of spray or mist may cause irritation of mucous membranes. Prolong exposure may be corrosive.					
<b>Eye Contact:</b> Irritant. Prolong contact may cause tissue damage or destruction.			<b>Skin Contact:</b> Irritant. Contact may cause dermatitis.		
<b>Ingestion:</b> Can cause severe gastrointestinal irritation.					
<b>CHRONIC EFFECTS:</b> Repeated episodes of tissue damage may cause scar tissue accumulations.					
<b>Medical Conditions Generally Aggravated by Exposure:</b> None identified.					
EMERGENCY FIRST AID PROCEDURES					
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritation persists, get medical attention.					
<b>Skin Contact:</b> Wash with soap and water, neutralize with vinegar, rinse with water. If irritation persists, get medical attention.					
<b>Inhalation:</b> Vapors not considered harmful under normal conditions.					
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.					
SECTION 6 - CONTROL AND PROTECTIVE MEASURES					
<b>Respiratory Protection (specify type):</b> None required.					
<b>Protective Gloves:</b> Rubber or plastic.			<b>Eye Protection:</b> Eye shield or splash goggles.		
<b>Ventilation Requirements:</b> Local exhaust is adequate.					
<b>Other Protective Clothing &amp; Equipment:</b> Apron and boots, if desired.					
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash hands after handling.					
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE					
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Contain spill and neutralize with a mild acid. Absorb on inert substance for disposal.					
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulations.					
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in original shipping containers. Keep closed when not in use. Shelf life 1 year.					
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.					

**SECTION 8 – TRANSPORTATION INFORMATION**

US Department of Transportation  
Shipping Name: **CLEANING COMPOUND**  
Hazard Class: **NON-HAZARDOUS**  
Label: **NONE**

IMDG:  
Proper Shipping Name: **CLEANING COMPOUND**  
Hazard Classification: **NON-HAZARDOUS**  
International Marine UN Number:  
Packing Group:  
Subsidiary Hazard:  
Subsidiary Packing Group:  
MFAG Table No. :  
EMS No. :  
Flash point (test method)  
IMDG Page Number:  
Label: **NONE REQUIRED**

*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