

# 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-2; Flammability-0; Reactivity-0; Special- COR -			<b>HMIS Rating:</b> Health-2; 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			<b>DOT Hazard Classification:</b> Corrosive Material 8  <b>Identity</b> (trade name as used on label): <p style="text-align: center;"><b>CWT-250</b></p>			
Date Prepared: 10/10/2007      Prepared By: ml			<b>MSDS Number:</b> cwt250      Revision -3			
Information Calls: (662)840-6060			NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			
<b>EMERGENCY RESPONSE NUMBER: 1(800)424-9300 CHEMTREC</b>						
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>AMINOTRI (METHYLENEPHOSPHONIC ACID)</b>		6419-19-8	No	N/E	N/E	d
<b>SULFURIC ACID</b>		7664-93-9	Yes	1mg/m3	N/E	d
Percentages and non-hazardous ingredients are trade secrets						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> 100°C			<b>Specific Gravity</b> (H <sub>2</sub> O=1): 1.04			
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A			<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature)68°F: 17.4 mm/Hg			
<b>Vapor Density</b> (Air = 1): .62			<b>Evaporation Rate</b> ( water = 1): 1			
<b>Solubility in Water:</b> Miscible			<b>Water Reactive:</b> No			
<b>Appearance and Odor:</b> Colorless, odorless thin liquid.						
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): None to boiling (TCC).			<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Use water spray to cool fire-exposed containers.			
<b>EXTINGUISHER MEDIA:</b> Water or other as appropriate for surrounding fire.						
<b>Unusual Fire &amp; Explosion Hazards:</b> None						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
<b>Incompatibility</b> (Mat. to avoid): Bare metal surfaces, alkaline materials, sulfides, sulfites.			<b>Conditions to Avoid:</b> None known.			
<b>Hazardous Decomposition Products:</b> Oxides of carbon & nitrogen. Highly toxic phosphines may form if water is completely removed.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
ACUTE EFFECTS						
<b>Inhalation:</b> Contact with mist or spray may be irritating to mucous membranes, throat and nose.						
<b>Eye Contact:</b> May cause severe irritation & possible permanent injury.			<b>Skin Contact:</b> May cause marked irritation or dermatitis.			
<b>Ingestion:</b> Acidity may irritate exposed tissues.						
CHRONIC EFFECTS: None reported or expected.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> May further aggravate pre-existing irritation.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritation persists, get medical attention.						
<b>Skin Contact:</b> Remove contaminated clothing. Flush with water for 15 minutes. If irritation occurs, get medical attention.						
<b>Inhalation:</b> Remove to fresh air. If irritation of eyes, skin or respiratory tract occurs, get medical attention.						
<b>Ingestion:</b> <b>DO NOT INDUCE VOMITING.</b> Drink large quantity of water or milk. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> None required under normal conditions of storage and use.						
<b>Protective Gloves:</b> Impervious			<b>Eye Protection:</b> Chemical safety goggles.			
<b>Ventilation Requirements:</b> None required under normal conditions of storage and use.						
<b>Other Protective Clothing &amp; Equipment:</b> Eyewash station and safety shower.						
<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. Neutralize with soda ash. Collect in properly labeled, leak-proof containers.						
<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 container. Keep container sealed when not in use. Shelf life one year. Protect from extreme heat or cold.						
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> Read and follow label directions.						

## SECTION 8 – TRANSPORTATION INFORMATION

### US Department of Transportation

Shipping Name: CORROSIVE LIQUIDS,N.O.S., (Sulfuric Acid)  
Hazard Class: 8  
Label: CORROSIVE LIQUIDS,N.O.S., (Sulfuric Acid),8,UN1760,PGIII

Exemption (On Containers Of 1 GI Or Less Content): ORM-D

### IMDG:

Proper Shipping Name: CORROSIVE LIQUIDS,N.O.S., (Sulfuric Acid)  
Hazard Classification: 8  
International Marine UN Number: 1760  
Packing Group: III  
Subsidiary Hazard:  
Subsidiary Packing Group:  
MFAG Table No. :  
EMS No. :  
Flash point (test method)  
IMDG Page Number:  
Label: CORROSIVE LIQUIDS,N.O.S., (Sulfuric Acid),8,UN1760,PGIII

*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