

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						
NFPA Rating: Health-2; Flammability-0; Reactivity-0; Special- COR -			HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-B			
Manufacturer's Name: RITE-KEM, INC. Address: 703 Westmoreland Drive Tupelo, MS 38801 CAGE 0VVNO GSA GS-07F-0283J			DOT Hazard Classification: Corrosive Material 8 Identity (trade name as used on label): <p style="text-align: center;">CWT-2000</p>			
Date Prepared: 10/10/2007 Prepared By: ml			MSDS Number: cwt2000 Revision -3			
Information Calls: (662)840-6060			NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			
EMERGENCY RESPONSE NUMBER: 1(800)424-9300 CHEMTREC						
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 **
AMINOTRI (METHYLENEPHOSPHONIC ACID)		6419-19-8	No	N/E	N/E	d
SULFURIC ACID		7664-93-9	Yes	1mg/m3	N/E	d
Percentages and non-hazardous ingredients are trade secrets						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 100°C			Specific Gravity (H2O=1): 1.04			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature)68°F: 17.4 mm/Hg			
Vapor Density (Air = 1): .62			Evaporation Rate (water = 1): 1			
Solubility in Water: Miscible			Water Reactive: No			
Appearance and Odor: Colorless, odorless thin liquid.						
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 to boiling (TCC).			SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire-exposed containers.			
EXTINGUISHER MEDIA: Water or other as appropriate for surrounding fire.						
Unusual Fire & Explosion Hazards: None						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Bare metal surfaces, alkaline materials, sulfides, sulfites.			Conditions to Avoid: None known.			
Hazardous Decomposition Products: Oxides of carbon & nitrogen. Highly toxic phosphines may form if water is completely removed.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <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						
Inhalation: Contact with mist or spray may be irritating to mucous membranes, throat and nose.						
Eye Contact: May cause severe irritation & possible permanent injury.			Skin Contact: May cause marked irritation or dermatitis.			
Ingestion: Acidity may irritate exposed tissues.						
CHRONIC EFFECTS: None reported or expected.						
Medical Conditions Generally Aggravated by Exposure: May further aggravate pre-existing irritation.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.						
Skin Contact: Remove contaminated clothing. Flush with water for 15 minutes. If irritation occurs, get medical attention.						
Inhalation: Remove to fresh air. If irritation of eyes, skin or respiratory tract occurs, get medical attention.						
Ingestion: DO NOT INDUCE VOMITING. Drink large quantity of water or milk. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): None required under normal conditions of storage and use.						
Protective Gloves: Impervious			Eye Protection: Chemical safety goggles.			
Ventilation Requirements: None required under normal conditions of storage and use.						
Other Protective Clothing & Equipment: Eyewash station and safety shower.						
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Neutralize with soda ash. Collect in properly labeled, leak-proof containers.						
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Store in original container. Keep container sealed when not in use. Shelf life one year. Protect from extreme heat or cold.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. 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