

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-500</p> | | | |
| Date Prepared: 10/10/2007 Prepared By: ml | | | MSDS Number: cwt500 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 <small>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)</small> | | 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 | | | | | | |
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| 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 Gl 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