

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- -			HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-B			
Manufacturer's Name: RITE-KEM, INC. CAGE: 0VVN0			DOT Hazard Classification: Corrosive Material 8			
Address: 703 Westmoreland Drive Tupelo, MS 38801			Identity (trade name as used on label): CLT-100			
Date Prepared: 01/21/2005		Prepared By: ml		MSDS Number: clt100 Revision - 2		
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 **
DIETHYLETHANOLAMINE		100-37-8	No	10(TWA)	10	d
MORPHOLINE		110-91-8	No	20	20	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 212°F			Specific Gravity (H2O=1): 0.990 g/ml			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): Not known			
Vapor Density (Air = 1): Approx. 1			Evaporation Rate (water = 1): 1.0			
Solubility in Water: Soluble			Water Reactive: No			
Appearance and Odor: Clear, colorless, liquid with ammoniacal 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): Non-combustible			EXTINGUISHER MEDIA: Non-combustible. Use media compatible with surrounding fire.			
SPECIAL FIRE FIGHTING PROCEDURES: None required.						
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 acids, strong oxidizers, copper, copper alloys, zinc, galvanized iron.			Conditions to Avoid: None known			
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [] INHALATION [X] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS: Corrosive action on all body tissues.						
Inhalation: Inhalation of spray or mist is highly irritating to respiratory tract and mucous membranes. Prolonged contact may result in tissue damage and/or destruction.						
Eye Contact: Highly irritating. May result in tissue damage and/or destruction.			Skin Contact: Highly irritating. Prolonged contact may result in tissue damage and/or destruction.			
Ingestion: Highly irritating. Prolonged contact may result in tissue damage and/or destruction.						
CHRONIC EFFECTS: Repeated tissue damage may result in accumulation of scar tissue.						
Medical Conditions Generally Aggravated by Exposure: Any irritated tissue present may be further irritated by exposure.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. Get medical attention.						
Skin Contact: Wash and rinse thoroughly with water. If irritation persists or ulceration develops, get medical attention.						
Inhalation: Remove to fresh air. If irritation persists or other respiratory symptoms develop, get medical attention.						
Ingestion: DO NOT INDUCE VOMITING. Drink solution of vinegar & water followed by clear water. Get medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): None required.						
Protective Gloves: Rubber, if desired.			Eye Protection: Goggles or face shield.			
Ventilation Requirements: Use with adequate ventilation.						
Other Protective Clothing & Equipment: Rubber boots and apron, if desired. Eyewash stations and safety showers.						
Hygienic Work Practices: Do not eat or drink in work areas. Wash hands before using restroom facilities.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: DO NOT drain into sewers or surface waters. Soak up in absorbent material and place in properly labeled, sealed, non-leaking containers for proper authorized hazardous waste disposal.						
Waste Disposal Methods: Dispose of in accordance with all applicable local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Store in original container. Keep container sealed when not in use.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read and 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