

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-1; Flammability-0; Reactivity-0; Special- - Manufacturer's Name: RITE-KEM, INC. Address: P.O. Box 3454 Tupelo, MS 38803 CAGE 0VVN0 GSA GS-07F-0283J			HMIS Rating: Health-1; Flammability-0; Reactivity-0; Personal ProtectionB- DOT Hazard Classification: Non-Hazardous Identity (trade name as used on label): <p style="text-align: center;">AQUA-DYNE</p>			
Date Prepared: 10/10/2007 Prepared By: ml Information Calls: (662)840-6060 Fax (662)840-7007 EMERGENCY RESPONSE NUMBER: (800)424-9300			MSDS Number: AQUA DYNE Revision - 3 NOTICE: JUDGEMENT 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	Carcinogen Ref. Source **
Iodine (1.75%)		7553-56-2	-	N/E	1mg/m ₃	d
Percentages and non-hazardous ingredients are trade secrets						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 212°F			Specific Gravity (H ₂ O=1): 1.00			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D			
Vapor Density (Air = 1): N/D			Evaporation Rate (water = 1): 1.0			
Solubility in Water: Miscible			Water Reactive: No			
Appearance and Odor: Light brown to amber colored liquid with typical iodine 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: Non-combustible. Use techniques applicable to surrounding fire.						
Unusual Fire & Explosion Hazards: Can react with aluminum to liberate hydrogen gas. If heated to decomposition, may liberate oxides of sulfur, SO _x & other unidentified noxious fumes.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE			HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Avoid contact with aluminum surfaces.			Conditions to Avoid: None known.			
Hazardous Decomposition Products: If heated to decomposition, may liberate oxides of sulfur, SO _x & other unidentified noxious fumes.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [] INHALATION [X] INGESTION [] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS: (UNDILUTED) Corrosive action on all body tissues.						
Inhalation: Irritating to respiratory tract & mucous membranes if mist is inhaled. Prolonged contact may result in tissue damage and/or destruction.						
Eye Contact: (UNDILUTED) Highly irritating. May result in tissue damage and/or destruction.			Skin Contact: (UNDILUTED) Very irritating. (DILUTED) Not irritating			
Ingestion: Highly irritating. May result in tissue damage and/or destruction.						
CHRONIC EFFECTS: (UNDILUTED) 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. If irritation persists, get medical attention.						
Skin Contact: Wash with soap and water. If irritation persists, 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 immediate 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: None required.						
Other Protective Clothing & Equipment: Rubber boots & apron, if desired, eyewash stations and safety showers.						
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: Do not drain into sewers or surface waters. Soak up in absorbent material & seal in properly labeled non-leaking containers for proper authorized hazardous waste disposal.						
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.						
Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from freezing.						
Other Precautions &/or Special Hazards: 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