

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
NFPA Rating: Health-2; Flammability-0; Reactivity-0; Special- - Manufacturer's Name: AMREP, INC. Address: 990 Industrial Park Drive Marietta, GA 30062			HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-F DOT Hazard Classification: NON-REGULATED Identity (trade name as used on label): MISTY WEEDTROL CF			
Date Prepared: 02/07/03 Prepared By: RC/IB Information Calls: (770)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924			MSDS Number: B00589 Revision - 1 NOTICE: JUDGMENT 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 (ppm)	Carcinogen Ref. Source **
DIQUAT DIBROMIDE		85-00-7	No	N/E	0.5mg/m3	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 100°C			Specific Gravity (H2O=1): 1.02			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A			
Vapor Density (Air = 1): N/A			Evaporation Rate (= 1): N/A			
Solubility in Water: Miscible			Water Reactive: No			
Appearance and Odor: Opaque, dark brown, non-viscous, water-based liquid with no 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): N/A EXTINGUISHER MEDIA: CO2, dry chemical, foam, water spray.		SPECIAL FIRE FIGHTING PROCEDURES: Avoid breathing smoke & mists. Avoid contact with fallout & run off. Minimize amount of water used for fire -fighting. Do not enter any enclosed area without full protective equipment, including self-contained breathing apparatus. Contain & isolate runoff & debris for proper disposal.				
Unusual Fire & Explosion Hazards: Fires involving this material may emit toxic smoke and vapors.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE Incompatibility (Mat. to avoid): Strong alkalis, anionic surfactants.			HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR Conditions to Avoid: None			
Hazardous Decomposition Products: Toxic bromine compounds, oxides of nitrogen, unidentified organics.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS						
Inhalation: Breathing spray mist may cause nasal, throat & respiratory tract irritation, nose bleed, sore throat & coughing. Systemic toxicity following inhalation has not been reported in humans. Acute LC50 (rat) for a one hour exposure was less than 6.1 mg/liter.						
Eye Contact: May cause moderate eye irritation. Longer exposure may cause more severe irritation. Could cause prolonged (weeks) impairment of vision following eye contact.			Skin Contact: May cause mild irritation with short term contact. Prolonged contact may increase danger of absorption. Acute dermal LD50 (rabbit) was 260-315 mg/kg. Prolonged and repeated contact could result in systematic poisoning.			
Ingestion: May cause irritation to the mucosa of mouth, throat, esophagus & stomach followed by vomiting, restlessness and hyper excitability. Product is considered "slightly toxic" by ingestion.						
CHRONIC EFFECTS: Prolonged and repeated contact with skin could result in systemic poisoning.						
Medical Conditions Generally Aggravated by Exposure: Dermatitis, sinusitis, bronchitis, conjunctivitis.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. Get medical attention.						
Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. If rash or burning occurs, get medical attention. Wash contaminated clothing before reuse.						
Inhalation: Remove to fresh air. If respiratory irritation occurs, get medical attention.						
Ingestion: IMMEDIATELY give water or milk to drink and induce vomiting by inserting finger in throat. Get immediate medical attention. PROMPT TREATMENT IS ESSENTIAL TO COUNTERACT POISONING and should be initiated before signs and symptoms of injury appear.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): Not normally needed; however, if airborne concentrations exceed exposure standard or if misting is such that inhalation could occur, use approved pesticide cartridge respirator.						
Protective Gloves: Chemical resistant gloves (nitrile, butyl, neoprene and/or barrier laminate).			Eye Protection: Chemical goggles. DO NOT get in eyes.			
Ventilation Requirements: Use ventilation adequate to keep airborne concentrations below the exposure standard.						
Other Protective Clothing & Equipment: Coveralls over long sleeved shirt and long pants and chemical resistant footwear plus socks. Chemical resistant headgear if overhead exposure could occur. Eyewash station & safety shower.						
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling. See label for other recommendations.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Clean up immediately. Do not allow run-off to sewers, ground or surface waters. Soak up spill in absorbent such as clay or loam soil. Place in properly labeled, sealed, non-leaking containers for proper disposal. Contaminated materials may be hazardous.						
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. Protect from extreme heat and cold.						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & 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