## **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							
FPA Rating: Health-2; Flammability-1; Reactivity-0; Special - HMIS Rating: Health-2; Flammability-1; Reactivity-0; Personal Protection-B							
Manufacturer's Name: AMREP, INC.	DO	DOT Hazard Classification: NON-REGULATED					
Address: 990 Industrial Park Drive Marietta, GA 30062	lde	dentity (trade name as used on label): MISTY BIODET ND32 – PINE					
Date Prepared: 05/05/05 Prepared By: TR/IB	MS	DS Number: <b>B0122</b>					
Information Calls: (770)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924		NOTICE: JUDGN	GMENT BASED ON INDIRECT TEST DATA				
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION							
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES		CAS Number	SARA	OSHA PEL	ACGIH	Carcinogen	
(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)  DIDECYL DIMETHYL AMMONIUM CHLORIDE		7170 51 5	III LIST	(ppm)	TLV (ppm)	Ref. Source **	
DIDECTE DIMETRIE AMMONIUM CHLORIDE		7173-51-5	No	N/E	N/E	d	
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS							
Boiling Point: N/D Specific Gravity (H2O=1): 1							
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vap	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D					
Vapor Density (Air = 1): N/D	Eva	Evaporation Rate ( water = 1): 1					
Solubility in Water: Miscible	·						
Appearance and Odor: Clear, yellow, non-viscous liquid with pine fragrance.							
SECTION 3 - FIRE AND							
	uto Igr	nition Temperature		•	s in Air by %		
(aerosols) N/A		N/A % LEL: N/A % UEL: N/A					
FLASH POINT AND METHOD USED (non-aerosols): >200°F TCC		SPECIAL FIRE FIGHTING PROCEDURES: Wear proper protective clothing including NIOSH approved self-contained breathing apparatus. Cool fire exposed					
EXTINGUISHER MEDIA: Carbon dioxide, dry chemical, water spray.		containers with water.					
Unusual Fire & Explosion Hazards: When heated to decomposition in a fire, product may liberate noxious and/or toxic fumes. See Section #4.							
SECTION 4 - REACTIVITY HAZARD DATA							
STABILITY [X] STABLE [ ] UNSTABLE		HAZARDOUS POLYMERIZATION [ ] WILL [ X ] WILL NOT OCCUR					
Incompatibility (Mat. to avoid): Aluminum metal, anionic surfactants, Conditions to Avoid: High temperatures.							
anything reactive to water. Strong oxidizing or reducing agents.							
Hazardous Decomposition Products: Toxic vapors / fumes of hydrogen chloride. Oxides of carbon and nitrogen, unidentified organic							
compounds.							
SECTION 5 - HEALTH HAZARD DATA							
PRIMARY ROUTES OF ENTRY: [X]INHALATION []INGESTION [X]SKIN ABSORPTION [X]EYE []NOT HAZARDOUS							
ACUTE EFFECTS							
Inhalation: Inhalation of spray or mist may cause irritation of respiratory tract tissues.							
Eye Contact: Corrosive. Causes irreversible eye damage.  Skin Contact: Prolonged or repeated contact may cause irritation.							
Ingestion: Moderate to severe irritation of gastrointestinal tract tissues. Toxic effects unlikely.							
CHRONIC EFFECTS: None known.							
Medical Conditions Generally Aggravated by Exposure: Contact may 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. Wash with soap and water for 15 minutes. If irritation persists, get medical attention.							
Inhalation: Remove to fresh air. If necessary seek medical attention.  Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water or large quantity of milk, egg whites or gelatin solution. Get							
immediate medical attention.							
SECTION 6 - CONTROL AND PROTECTIVE MEASURES							
Respiratory Protection (specify type): None needed under normal conditions of handling and usage, if needed use NIOSH approved							
self-contained breathing apparatus.							
Protective Gloves: Rubber Eye Protection: Safety glasses or chemical goggles.							
Ventilation Requirements: Special ventilation is not needed under normal conditions of handling and usage.							
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: Do not allow large spills to contaminate sewers, ground or surface waters.							
Contain spill. Soak up in inert absorbent material. Place in leak-proof containers. Seal & label properly. Dispose of in a lawful manner.							
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 (140°F) and cold.							
Other Pressutions 8 for Special Hazards: KEED OUT OF PEACH OF CHILDREN, Poad 8 follow label directions							