

# 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-0; Flammability-0; Reactivity-0; Special- - Manufacturer's Name: <b>AMREP, INC.</b> Address: 990 Industrial Park Drive Marietta, GA 30062			HMIS Rating: Health-1; Flammability-0; Reactivity-0; Personal Protection-B DOT Hazard Classification: Non-Hazardous Identity (trade name as used on label): <b>MISTY EDF-3 DEFOAMER</b>			
Date Prepared: 05/20/93      Prepared By: ES Information Calls: (770)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924			MSDS Number: R 827      Revision - 6 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 (ppm)	Carcinogen Ref. Source **
THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIENTS						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 100°C			Specific Gravity (H <sub>2</sub> O=1): 1.00			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): Not known			
Vapor Density (Air = 1): Not known			Evaporation Rate (water = 1): 1.0			
Solubility in Water: Dispersible			Water Reactive: No			
Appearance and Odor: Milky, white liquid with bland 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 necessary.						
Unusual Fire & Explosion Hazards: None known.						
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): Any materials reactive to water.		Conditions to Avoid: None known.				
Hazardous Decomposition Products: Burning can produce carbon monoxide, carbon dioxide, oxides of silicon.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input checked="" type="checkbox"/> NOT HAZARDOUS						
ACUTE EFFECTS						
Inhalation: No evidence of adverse effects from available information.						
Eye Contact: No evidence of adverse effects from available information.			Skin Contact: No evidence of adverse effects from available information.			
Ingestion: No evidence of adverse effects from available information.						
Chronic Effects: No evidence of adverse effects from available information.						
Medical Conditions Generally Aggravated by Exposure: Unlikely to aggravate existing medical conditions.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water.						
Skin Contact: Wash with soap and water.						
Inhalation: No emergency care anticipated.						
Ingestion: No harmful effects expected.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): None needed in normal use.						
Protective Gloves: PVC coated, if desired.			Eye Protection: Safety glasses, if desired.			
Ventilation Requirements: No special ventilation required.						
Other Protective Clothing & Equipment: Eyebath 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: Collect for 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. Protect from extreme 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



## TECHNICAL DATA SHEET

**Product Name:** Misty EDF-3  
**Item Number:** B00827

**Description:** This product is a silicone anti-foam emulsion that will control foam in all types of aqueous systems. Foam control applications are so numerous and so varied that this product should be evaluated whenever unwanted foam occurs.

**Directions:** This product should be added before foaming starts if possible, less is needed to prevent foam formation than to destroy an existing foam. The concentration depends on the system composition, temperature, viscosity, and other factors. The optimum concentration should be determined by experience, by starting with 50 ppm and increasing or decreasing until the most effective concentration is reached. Since environmental conditions (temperature, humidity, and barometric pressure) can significantly affect foam stability, evaluation of this product should be done along with a control. Concentration may need to be adjusted slightly from time to time to meet changing conditions, even in established processes.

**CAUTION:** Do not ingest. If this should occur, drink large volumes of water and seek medical attention if irritation persists. Avoid storage of product in freezing temperatures. Keep container sealed when not in use. Rinse empty container before discarding in an authorized landfill site. **KEEP OUT OF REACH OF CHILDREN**

**Spill Or Leakage Procedures:** Collect for disposal

**Product Specifications:**

USDA Classification	G7
Color	White
Odor	Bland
Appearance	Milky
pH	7.0
Flash Point	None
Lbs /gal	8.34
Shelf Life	One year in a sealed container

**CAS NUMBERS:** Water 7732-18-5, Silicone Emulsion N/A

**HMIS RATING:** Health-1, Flammability-0, Reactivity-0, Personal Protection-B

09/01

Manufactured by:



990 Industrial Park Drive • Marietta, GA 30062  
800-66-AMREP • 770-422-2071 • Fax: 770-422-1737