

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- COR	HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-B
Manufacturer's Name: AMREP INC. Address: 990 Industrial Park Drive Marietta, GA 30062	DOT Hazard Classification: Corrosive Material, 8 Identity (trade name as used on label): MISTY TAKE OFF EP
Date Prepared: 09/03/03 Prepared By: DLP/IB	MSDS Number: B01812 Revision - 1
Information Calls: (770)422-2071	NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA
EMERGENCY RESPONSE NUMBER: 1(800)255-3924	

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 **
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	No	NE	NE	d
DIPROPYLENE GLYCOL BUTYL ETHER	29911-28-2	No	NE	NE	d
MONOETHANOLAMINE	141-43-5	No	3(TWA)	3(TWA) 6(STEL)	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point: Approximately 212°F	Specific Gravity (H2O=1): 1.06
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): < 17 mmHg @ 20°C
Vapor Density (Air = 1): Not known	Evaporation Rate (water = 1): 1
Solubility in Water: Soluble	Water Reactive: No
Appearance and Odor: Clear, colorless liquid with mild odor and slight lemon hint.	

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): None to boiling.	SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water spray.	
EXTINGUISHER MEDIA: Any media appropriate for surrounding fire.		
Unusual Fire & Explosion Hazards: Residue remaining after water has evaporated is combustible and can be ignited.		

SECTION 4 - REACTIVITY HAZARD DATA	
STABILITY [X] STABLE [] UNSTABLE	HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Any material not compatible with water. Strong acids, strong oxidizers or strong reducing agents. Soft metals such as aluminum.	Conditions to Avoid: None
Hazardous Decomposition Products: Oxides of carbon, nitrogen, trace amounts of sulfur and phosphorus; and unidentified organic compounds.	

SECTION 5 - HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS	
ACUTE EFFECTS: Headache, nausea, vomiting.	
Inhalation: Vapors may be irritating in high concentrations.	
Eye Contact: Irritant. Prolonged contact may cause chemical burns.	Skin Contact: Mildly irritating. Prolonged or widespread skin contact may result in absorption of irritating amine.
Ingestion: May cause chemical burns of the mouth, throat, esophagus and stomach.	
CHRONIC EFFECTS: Prolonged or widespread skin contact may result in dermatitis.	
Medical Conditions Generally Aggravated by Exposure: Pre-existing respiratory conditions and pre-existing dermatitis.	

EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Immediately flush with water for 15 minutes. If irritation persists, get medical attention.	
Skin Contact: Immediately remove contaminated clothing and flush skin with water.	
Inhalation: Remove to fresh air.	
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
Respiratory Protection (specify type): None needed under normal conditions.	
Protective Gloves: Rubber, PVC, or neoprene recommended if extended contact with concentrated product or use solutions. None required with brief use of diluted product.	Eye Protection: Safety glasses or goggles recommended if splashing of this product or solutions of this product are anticipated.
Ventilation Requirements: Normal room ventilation is usually adequate.	
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: Neutralize spilled material with acetic acid & soak up in an inert absorbent.	
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