

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 Manufacturer's Name: AMREP, INC. Address: 990 Industrial Park Drive Marietta, GA 30062			HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-B DOT Hazard Classification: Corrosive Liquid, N.O.S. 8 Identity (trade name as used on label): <b style="text-align: center;">Misty Biodet NR Sanitizer <b style="text-align: center;">(EPA REG # 10324-117-10807)			
Date Prepared: 04/22/04 Prepared By: IB Information Calls: (770)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924			MSDS Number: B00215 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 (ppm)	Carcinogen Ref. Source **
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE		68424-85-1	No	N/E	N/E	d
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE		32426-11-2	No	N/E	N/E	d
DIDECYL DIMETHYL AMMONIUM CHLORIDE		7173-51-5	No	N/E	N/E	d
DIOCTYL DIMETHYL AMMONIUM CHLORIDE		5538-94-3	No	N/E	N/E	d
ETHYL ALCOHOL		64-17-5	No	1000	1000	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 100°C			Specific Gravity (H2O=1): 0.99			
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			
Solubility in Water: Miscible			Water Reactive: No			
Appearance and Odor: Clear, colorless to light yellow, non-viscous water based liquid with characteristic sweet 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): Greater than 200F (none to boiling) (TCC)			SPECIAL FIRE FIGHTING PROCEDURES: Product is not combustible, but if heated to decomposition in a fire it can liberate toxic fumes. If so, firefighters should wear supplied air respirator. See Section #4.			
EXTINGUISHER MEDIA: Use media applicable to surrounding fire.			Unusual Fire & Explosion Hazards: If heated to decomposition in a fire, this product can liberate 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): Strong oxidizing or reducing agents. Do not mix with anionic detergents, oxidizers and detergents.			Conditions to Avoid: Temperatures above 140°F.			
Hazardous Decomposition Products: Oxides of carbon, nitrogen, hydrogen chloride (hydrochloric acid), unidentified organic compounds.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [] INHALATION [X] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS						
Inhalation: Mists of product can cause irritation to mucous membranes.						
Eye Contact: Corrosive. Direct contact can cause severe irritation, possibly damage.			Skin Contact: Corrosive. Repeated contact with concentrated product can cause severe irritation and possibly skin burns.			
Ingestion: Immediate burning pain in mouth, throat, abdomen, severe swelling of larynx. Skeletal muscle paralysis, circulatory shock, convulsions.						
CHRONIC EFFECTS: None known.						
Medical Conditions Generally Aggravated by Exposure: Dermatitis, bronchitis, conjunctivitis, sinusitis.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: While holding eye open, flush slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Obtain medical attention.						
Skin Contact: Remove contaminated clothing. Rinse skin thoroughly with water. Launder contaminated clothing before reuse.						
Inhalation: Remove to fresh air.						
Ingestion: Immediately call poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Promptly drink egg whites, gelatin solution or if these are not available, drink large quantities of water. Do not induce vomiting unless instructed to do so under direct instructions by poison control center or doctor. Do not give anything by mouth to an unconscious person. Note to physician: Probably mucosal damage may contraindicate the use of gastric lavage.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): None normally needed.						
Protective Gloves: Rubber, nitrile		Eye Protection: Safety glasses or chemical goggles. Face shield when excessive splashing of product may occur.				
Ventilation Requirements: Normal room ventilation is adequate.						
Other Protective Clothing & Equipment: Clothing as needed to minimize contact. Eyewash station and safety shower.						
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands thoroughly with soap and water after handling.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Do not contaminate sewers, surface waters or ground waters. Soak up spill in inert absorbent material. Place in leak-proof containers. Seal & label properly 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 in areas inaccessible to small children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Keep closed when not in use. Protect from freezing.						
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