

MATERIAL SAFETY DATA SHEET

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

IDENTITY AND MANUFACTURE'S INFORMATION					
NFPA Rating: Health-3; Flammability-0; Reactivity-0; Special- COR-			HMIS Rating: Health-3; Flammability-0; Reactivity-0; Personal Protection-B		
Manufacturer's Name: AMREP, INC. Address: 990 Industrial Park Drive Marietta, GA 30062			DOT Hazard Classification: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8 (When inner container is 1 gallon or smaller: Consumer Commodity, ORM-D) Identity (trade name as used on label): MISTY PBC-20 BOWL CLEANER		
Date Prepared: 10/26/04		Prepared By: IB/TR		MSDS Number: B00940 Revision - 5	
Information Calls: (770)422-2071			NOTICE: JUDGMENT 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)
PHOSPHORIC ACID		7664-38-2	No	1mg/m3	1mg/m3
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: 212°F			Specific Gravity (H2O=1): 1.06		
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D		
Vapor Density (Air = 1): .88			Evaporation Rate (water = 1): 1.0		
Solubility in Water: Miscible			Water Reactive: No		
Appearance and Odor: Slightly hazy, viscous blue green liquid with mint scent.					
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): approx >212°F		SPECIAL FIRE FIGHTING PROCEDURES: Use clothing & safety equipment as may be suitable for phosphoric acid & materials in the surrounding fire.			
EXTINGUISHER MEDIA: Non-combustible. Use agents as appropriate for materials in surrounding fire.					
Unusual Fire & Explosion Hazards: Will liberate flammable hydrogen gas on contact with many metals. Protect personnel against mist, vapor or splashes.					
SECTION 4 - REACTIVITY HAZARD DATA					
STABILITY [X] STABLE [] UNSTABLE			HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR		
Incompatibility (Mat. to avoid): Bases, metals, mercuric sulfate, perchloric acid, carbides, acetylides, phosphides & silicides.			Conditions to Avoid: None		
Hazardous Decomposition Products: Phosphorus pentoxide, oxides of carbon, unidentified organic compounds.					
SECTION 5 - HEALTH HAZARD DATA					
PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS					
ACUTE EFFECTS: Corrosive material. Severe irritant to all body tissues. Prolonged or repeated contact may damage or destroy body tissues.					
Inhalation: Mist & spray can cause respiratory tract irritation with burning, choking, coughing. High concentrations &/or prolonged contact can cause inflammation & destruction of nasal passages & breathing difficulties, which may be delayed in onset.					
Eye Contact: Liquid can cause eye irritation, severe burns & permanent damage including blindness.			Skin Contact: Liquid can cause burning of skin. Repeated or prolonged contact can cause irritation & dermatitis.		
Ingestion: Can cause severe burns of mouth, esophagus and stomach. Nausea, pain and vomiting can occur.					
CHRONIC EFFECTS: Repeated episodes of tissue damage may result in accumulation of scar tissue.					
Medical Conditions Generally Aggravated by Exposure: Contact may further irritate any pre-existing lesions.					
EMERGENCY FIRST AID PROCEDURES					
Eye Contact: Irrigate with large quantities of water, lifting upper and lower eyelids occasionally. Get medical attention.					
Skin Contact: Remove contaminated clothing & wash skin with large quantities of water. If irritation persists, get medical attention.					
Inhalation: Remove to fresh air. If breathing stops, give artificial respiration. Get immediate medical attention.					
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): Not normally needed at ambient temperatures. Under fire conditions, use approved self-contained breathing apparatus with full face piece.					
Protective Gloves: Neoprene or PVC.			Eye Protection: Chemical goggles, face shield where splashing is possible.		
Ventilation Requirements: As necessary to maintain air concentrations below 1mg/m3 at all times. Special ventilation is not normally needed.					
Other Protective Clothing & Equipment: Neoprene or PVC rain suit & boots, if needed. Safety showers & eyewash stations.					
Hygienic Work Practices: Avoid contact with skin. Do not eat, drink or smoke in work area. Wash hands after handling. Remove contaminated clothing.					
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE					
Steps To Be Taken If Material Is Spilled Or Released: Contain spill & prevent run off into ground & surface waters or sewers. Neutralize with soda ash. Recover neutralized products into properly labeled non-leaking containers for proper 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. Do not store near strong alkalis or other reactive materials. 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