

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-3; Flammability-0; Reactivity-0; Special- -			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: Non-Hazardous Identity (trade name as used on label): MISTY OVEN & GRILL CLEANER			
Date Prepared: 11/29/93		Prepared By: ES		MSDS Number: R 110 Revision - 9		
Information Calls: (770)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924			NOTICE: JUDGMENT 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 **
NON-IONIC SURFACTANT		68412-54-2	No	N/E	N/E	d
BUTYL CELLOSOLVE		111-76-2	Yes	25	25	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: >212°F			Specific Gravity (H ₂ O=1): 1.07-1.08			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D			
Vapor Density (Air = 1): >1			Evaporation Rate (water = 1): >1 <2			
Solubility in Water: Total			Water Reactive: No			
Appearance and Odor: Clear, purple fluid with butyl 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): None			SPECIAL FIRE FIGHTING PROCEDURES: Keep container cool with water; corrosive fluid could react with bare metal.			
EXTINGUISHER MEDIA: Not considered a combustible product.						
Unusual Fire & Explosion Hazards: Reaction of bare metal & this fluid could generate explosive hydrogen gas.						
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): Bare or reactive metals.			Conditions to Avoid: Bare metals in the presence of elevated temperature.			
Hazardous Decomposition Products: None identified.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
ACUTE EFFECTS						
Inhalation: No known adverse effect.						
Eye Contact: Irritant			Skin Contact: Irritant			
Ingestion: Can cause severe gastrointestinal irritation.						
CHRONIC EFFECTS: Skin burns can occur with alkaline fluids.						
Medical Conditions Generally Aggravated by Exposure: Repeated over-exposure may cause hemolysis of red blood cells leading to possible liver & kidney damage.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.						
Skin Contact: Wash with soap and water, neutralize with vinegar, rinse with water. If irritation persists, get medical attention.						
Inhalation: Vapors not considered harmful under normal conditions.						
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 required.						
Protective Gloves: Rubber or plastic.			Eye Protection: Eye shield or splash goggles.			
Ventilation Requirements: Local exhaust is adequate.						
Other Protective Clothing & Equipment: Apron and boots, if desired.						
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: Contain spill and neutralize with a mild acid. Absorb on inert substance 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. Shelf life 1 year.						
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