

# 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						
<b>NFPA Rating:</b> Health-3; Flammability-0; Reactivity-0; Special- - <b>Manufacturer's Name:</b> AMREP, INC. <b>Address:</b> 990 Industrial Park Drive Marietta, GA 30062			<b>HMIS Rating:</b> Health-3; Flammability-0; Reactivity-0; Personal Protection-B <b>DOT Hazard Classification:</b> Corrosive Material, 8 <b>Identity</b> (trade name as used on label): <p style="text-align: center;"><b>MISTY HALT</b></p>			
<b>Date Prepared:</b> 01/04/96 <b>Prepared By:</b> ES <b>Information Calls:</b> (770)422-2071 <b>EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3924			<b>MSDS Number:</b> B00993 <b>Revision -</b> 7 NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA			
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
<b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b> (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
POTASSIUM HYDROXIDE		1310-58-3	No	2mg/m3	2mg/m3	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> 100°C			<b>Specific Gravity</b> (H2O=1): 1.19			
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A			<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/D			
<b>Vapor Density</b> (Air = 1): N/D			<b>Evaporation Rate</b> ( water = 1): 1.0			
<b>Solubility in Water:</b> Miscible			<b>Water Reactive:</b> No			
<b>Appearance and Odor:</b> Clear, red, non-viscous liquid with bland odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A		<b>Auto Ignition Temperature</b> N/A		<b>Flammability Limits in Air</b> by % in Volume: % LEL: N/A      % UEL: N/A		
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): Non-Combustible			<b>EXTINGUISHER MEDIA:</b> Non-Combustible; use media appropriate to surrounding fire.			
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Non-Combustible; use procedures appropriate to surrounding fire.						
<b>Unusual Fire &amp; Explosion Hazards:</b> Contact with aluminum or other reactive metals may liberate explosive hydrogen gas.						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR			
<b>Incompatibility</b> (Mat. to avoid): Acids, aluminum or other reactive metals, leather, wool.			<b>Conditions to Avoid:</b> None known.			
<b>Hazardous Decomposition Products:</b> Potassium oxide.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ X ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b> Corrosive to all body tissues with which it comes in contact.						
<b>Inhalation:</b> Airborne concentrations of mist or spray may cause damage to upper respiratory tract & even to lung tissue which could produce chemical pneumonia, depending on severity of exposure.						
<b>Eye Contact:</b> May cause severe burns that result in damage & even blindness.			<b>Skin Contact:</b> May cause severe burns on prolonged contact.			
<b>Ingestion:</b> Can cause severe burns on mucous membranes of mouth, throat, esophagus and stomach.						
<b>CHRONIC EFFECTS:</b> Tissue damage depending on location & degree of exposure.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> Dermatitis.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with large amounts of water for at least 15 minutes while holding lids apart. Get immediate medical attention.						
<b>Skin Contact:</b> Remove contaminated clothing & wash contaminated areas with plenty of water for 15 minutes. If tissue is damaged seek medical attention.						
<b>Inhalation:</b> Remove to fresh air. If not breathing, resuscitate & administer oxygen if available. Seek immediate medical attention.						
<b>Ingestion: DO NOT INDUCE VOMITING.</b> Drink 3 to 4 glasses of water, milk if available. Never give anything by mouth to an unconscious person. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection</b> (specify type):None required under normal handling & use.Use NIOSH/MSHA approved respirator where mist or spray may be generated.						
<b>Protective Gloves:</b> Rubber			<b>Eye Protection:</b> Chemical goggles.			
<b>Ventilation Requirements:</b> Normal room ventilation is generally adequate. Use adequate local exhaust ventilation where mist or spray may be generated.						
<b>Other Protective Clothing &amp; Equipment:</b> Clothing as needed to minimize contact. Eyewash stations and safety shower.						
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash immediately on contact.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Contain spill. Do not contaminate sewer,ground or surface waters. Soak up spill in inert absorbent material & place in properly labeled leak-proof containers for proper disposal.						
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulations.						
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in original shipping containers. Keep closed when not in use. Protect from freezing. Shelf life one year.						
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Avoid bodily contact.						

*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

**THIS MSDS IS CURRENT AS OF April 9, 2001. The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at the manufacturer by these date codes and therefore must remain as the originating date.**