

# 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-E <b>DOT Hazard Classification:</b> Corrosive Material, 8 <b>Identity</b> (trade name as used on label): <p style="text-align: center;"><b>MISTY BOLEX</b></p>
<b>Date Prepared:</b> 07/13/94 <b>Prepared By:</b> ES/RC <b>Information Calls:</b> (770)422-2071 <b>EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3924	<b>MSDS Number:</b> B00925 <b>Revision:</b> -8 <p style="text-align: center;">NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA</p>

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 **
HYDROCHLORIC ACID	7647-01-0	Yes	5	5	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
<b>Boiling Point:</b> 212°F <b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A <b>Vapor Density (Air = 1):</b> N/A <b>Solubility in Water:</b> Total <b>Appearance and Odor:</b> White fluid with mint fragrance.	<b>Specific Gravity (H<sub>2</sub>O=1):</b> 1.05 <b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/A <b>Evaporation Rate ( water= 1):</b> 1 <b>Water Reactive:</b> None

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 by % in Volume:</b> % LEL: N/A      % UEL: N/A
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): None		<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear NIOSH approved breathing apparatus & full protective gear when fighting fires. Spray containers with water to keep cool & prevent ruptures.
<b>EXTINGUISHER MEDIA:</b> Non-Combustible.		
<b>Unusual Fire &amp; Explosion Hazards:</b> Avoid exposure to metals, oxidants which might product flammable hydrogen gas.		

SECTION 4 - REACTIVITY HAZARD DATA	
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility</b> (Mat. to avoid): Bases, metals, mercuric sulfate, carbides of calcium, cesium, rubidium.	<b>Conditions to Avoid:</b> Contact with strong bases can cause violent reaction generating large amounts of heat.
<b>Hazardous Decomposition Products:</b> Hydrogen gas.	

SECTION 5 - HEALTH HAZARD DATA	
<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
<b>ACUTE EFFECTS</b> <b>Inhalation:</b> Irritant causing burning, choking, coughing, headache. <b>Eye Contact:</b> Irritation, severe burns & permanent damage including blindness. <b>Ingestion:</b> Unlikely route-causes severe burns to internal organs.	
<b>CHRONIC EFFECTS:</b> None known. <b>Medical Conditions Generally Aggravated by Exposure:</b> Skin, eye, mucous membrane irritation.	

EMERGENCY FIRST AID PROCEDURES	
<b>Eye Contact:</b> Wash eyes for 15 minutes. Get immediate medical attention.	<b>Skin Contact:</b> Remove contaminated clothing, wash skin with water for 15 minutes.
<b>Inhalation:</b> Move to fresh air. Get medical attention.	
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
<b>Respiratory Protection (specify type):</b> Approved self-contained breathing apparatus when use concentrations exceed 100 ppm HCl vapors.	
<b>Protective Gloves:</b> Neoprene.	<b>Eye Protection:</b> Chemical goggles or face shield.
<b>Ventilation Requirements:</b> As necessary to maintain air concentration below 5 ppm at all times.	
<b>Other Protective Clothing &amp; Equipment:</b> Neoprene or PVC rain suit & boots in case of fire. Safety showers & eyewash stations should be available.	
<b>Hygienic Work Practices:</b> Wash hands after use. Do not eat, drink or smoke in immediate area.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Contain fluid by diking. Neutralize with soda ash or baking soda.	
<b>Waste Disposal Methods:</b> Neutralize material may be washed down the sewer. Absorbed material to be boxed and disposed of in compliance with local, state and federal regulations.	
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in closed labeled containers. Keep in cool, metal free area for not more than one year.	
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Do not store near strong alkalis or other reactive materials.	

*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 January 23, 2006.** 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.