

# 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-2; Flammability-0; Reactivity-0; Special- -			<b>HMIS Rating:</b> Health-2; Flammability-0; Reactivity-0; Personal Protection-B			
<b>Manufacturer's Name:</b> AMREP, INC. <b>Address:</b> 990 Industrial Park Drive Marietta, GA 30062			<b>DOT Hazard Classification:</b> NON-REGULATED <b>Identity</b> (trade name as used on label): <b style="text-align: center;">MISTY RUST GUARD</b>			
<b>Date Prepared:</b> 12/10/05 <b>Prepared By:</b> IB			<b>MSDS Number:</b> B00307 <b>Revision:</b> - 8			
<b>Information Calls:</b> (770)422-2071 <b>EMERGENCY RESPONSE NUMBER:</b> 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 **
ETHYLENE GLYCOL		107-21-1	Yes	50	100	d
TANNIC ACID		1401-55-4	No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> 100°C			<b>Specific Gravity</b> (H <sub>2</sub> O=1): 1.01			
<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			
<b>Solubility in Water:</b> Dispersible			<b>Water Reactive:</b> No			
<b>Appearance and Odor:</b> Off-white, opaque, slightly 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): None-combustible, water based product.			<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Water may be used to cool closed containers to prevent pressure buildup. Self-contained breathing apparatus with full face-piece & protective clothing should be used if involved in a fire with other materials.			
<b>EXTINGUISHER MEDIA:</b> Non-combustible. Use media appropriate for surrounding fire.						
<b>Unusual Fire &amp; Explosion Hazards:</b> This material will not support combustion unless the water has evaporated.						
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): Materials reactive to water or acids, strong bases, strong acids, strong oxidizers.			<b>Conditions to Avoid:</b> None known.			
<b>Hazardous Decomposition Products:</b> Oxides of carbon and unidentified organic compounds.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> [ ] INHALATION [ X ] INGESTION [ ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS						
ACUTE EFFECTS						
<b>Inhalation:</b> Spray or mist can irritate respiratory passages.						
<b>Eye Contact:</b> Irritating.		<b>Skin Contact:</b> Short contact will probably not cause irritation, but prolonged or repeated contact may.				
<b>Ingestion:</b> Small amounts may result in gastrointestinal disturbance, nausea, vomiting. Delayed effects of ethylene glycol toxic metabolites can result in delayed damage: irreversible kidney damage and renal failure. Ingestion of one pint or more may be toxic.						
<b>CHRONIC EFFECTS:</b> Ingestion of small amounts can result in cumulative internal tissue and kidney damage. May result in central nervous system effects.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> Pre-existing dermatitis or pre-existing respiratory conditions.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritation persists, get medical attention.						
<b>Skin Contact:</b> Wash with soap and water. If irritation persists, get medical attention.						
<b>Inhalation:</b> Remove to fresh air.						
<b>Ingestion:</b> IMMEDIATELY contact a poison control center, emergency treatment center or physician. DO NOT INDUCE VOMITING. If victim is conscious, give large quantity of water or milk. Medical treatment is mandatory. Note: Ingestion of one gallon of this product will provide 100 mls of ethylene glycol which considered the lethal dose for an average adult.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> None required under normal conditions of product storage and use.						
<b>Protective Gloves:</b> Plastic or rubber, if desired.			<b>Eye Protection:</b> Safety glasses or chemical goggles.			
<b>Ventilation Requirements:</b> No special ventilation is required under normal conditions of storage and use.						
<b>Other Protective Clothing &amp; Equipment:</b> Clothing as required to minimize skin contact. Eyewash station and safety shower.						
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash hands after handling.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Wear skin & eye protection during cleanup. Soak up liquid with absorbent & shovel into waste container. Cover & label container & remove from work area. Wash residue from spill area with water & flush to sewer serviced by a waste water treatment facility.						
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulations. pH is less than 3, discarded material is a hazardous waste.						
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in original shipping containers. Keep closed when not in use. Protect from extreme heat and cold. Product may separate on standing-shake or stir before using. Do not get into the eyes.						
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Do not take internally. Do not get in eyes.						

*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