

# 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-1; Flammability-3; Reactivity-0; Special- -			<b>HMIS Rating:</b> Health-1; Flammability-3; Reactivity-0; Personal Protection- -			
Manufactured for: <b>AMREP, INC.</b> Address: 990 Industrial Park Drive Marietta, GA 30062			<b>DOT Hazard Classification:</b> NON REGULATED <b>Identity</b> (trade name as used on label): <b>MISTY HAND SANITIZER WIPE</b>			
Date Prepared: 10/08/02		Prepared By: IB (boip)		<b>MSDS Number:</b> W00166      Revision – 1		
Information Calls: (770)422-2071 <b>EMERGENCY RESPONSE NUMBER: 1(800)255-3924</b>			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 **
<b>ETHANOL</b>		64-17-5	No	1000	1000	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point (liquid only):</b> 173-212°F			<b>Specific Gravity (liquid only) (H<sub>2</sub>O=1):</b> 0.98			
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A			<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> >18 mm Hg @20°C			
<b>Vapor Density (Air = 1):</b> greater than 1			<b>Evaporation Rate (water = 1):</b> greater than 1			
<b>Solubility in Water (liquid only):</b> Total			<b>Water Reactive:</b> No			
<b>Appearance and Odor:</b> Wipes moistened with colorless liquid with light, pleasant 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 by % in Volume:</b> % LEL: > 3.3      % UEL: N/A		
<b>FLASH POINT AND METHOD USED (liquid only) (non-aerosols):</b> 80°F (TCC)			<b>EXTINGUISHER MEDIA:</b> Carbon dioxide, dry chemical.			
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> None						
<b>Unusual Fire &amp; Explosion Hazards:</b> Product contains alcohol. Flames due to vapors emitted from the liquid absorbed into these wipes might be difficult to see because they are virtually colorless.						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR			
<b>Incompatibility (Mat. to avoid):</b> Strong oxidizers.			<b>Conditions to Avoid:</b> Heat, ignition sources, fire.			
<b>Hazardous Decomposition Products:</b> Carbon monoxide, carbon dioxide.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ X ] INGESTION [ X ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b>						
<b>Inhalation (liquid only):</b> Drowsiness, irritation.						
<b>Eye Contact (liquid only):</b> Irritation.			<b>Skin Contact (liquid only):</b> Usually none; however may cause drying of skin with repeated and prolonged contact.			
<b>Ingestion (liquid only):</b> May cause nausea, drowsiness, incoordination, loss of consciousness, difficulty with speech, central nervous system depression.						
<b>CHRONIC EFFECTS (liquid only):</b> None known.						
<b>Medical Conditions Generally Aggravated by Exposure (liquid only):</b> Pre-existing dermatitis or dermal abrasions.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact (liquid only):</b> Flush with water for 15 minutes. If irritation persists, get medical attention.						
<b>Skin Contact (liquid only):</b> Flush with water.						
<b>Inhalation (liquid only):</b> Remove to fresh air.						
<b>Ingestion (liquid only):</b> Drink two large glasses of water and induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> None required under normal use. If PEL/TLV is exceeded, use respirator approved by NIOSH for organic vapors.						
<b>Protective Gloves:</b> None required under normal use.			<b>Eye Protection:</b> None required under normal use. If direct contact of liquid to eye membrane is possible, safety glass or goggles should be used.			
<b>Ventilation Requirements:</b> Normal indoor ventilation is adequate.						
<b>Other Protective Clothing &amp; Equipment:</b> None needed.						
<b>Hygienic Work Practices:</b> No special instructions necessary. This product is intended for external use only.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Absorb spilled liquid into absorbent media. (See below for disposal.)						
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulation.						
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in original shipping containers, under cover and in ambient temperatures. Do not store in direct heat or sunlight. Avoid storage in freezing temperatures. Keep closed when not in use. Do not store in extreme temperatures.						
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> 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