

# 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-1; Reactivity-0; Special-0			<b>HMIS Rating:</b> Health-1; Flammability-1; Reactivity-0; Personal Protection-B		
Manufacturer's Name: <b>AMREP, INC.</b> Address: 990 Industrial Park Drive Marietta, GA 30062			<b>DOT Hazard Classification:</b> ORM-D <b>Identity</b> (trade name as used on label): <b>MISTY GLASS &amp; MIRROR CLEANER</b>		
Date Prepared: 08/18/94      Prepared By: ES/KD			<b>MSDS Number:</b> 121      Revision-18		
Information Calls: (770)422-2071 <b>EMERGENCY RESPONSE NUMBER: 1(800)255-3924</b>			NOTICE: JUDGEMENT 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 **
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
AMMONIUM HYDROXIDE	1336-21-6	No	35	25	d
ISOPROPANOL	67-63-0	No	500	400	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
<b>Boiling Point:</b> N/A			<b>Specific Gravity (H<sub>2</sub>O=1):</b> Concentrate Only = 0.980		
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): Max.60			<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/A		
<b>Vapor Density (Air = 1):</b> N/E			<b>Evaporation Rate ( = 1):</b> N/E		
<b>Solubility in Water:</b> Soluble			<b>Water Reactive:</b> No		
<b>Appearance and Odor:</b> White foam, mint fragrance and alcohol odor.					
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA					
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) <b>NON-FLAMMABLE</b>		<b>Auto Ignition Temperature</b> N/E		<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/E      % UEL: N/E	
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> N/A			<b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide, water.		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.					
<b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 130°F or the container may rupture.					
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> Open flame, welding arcs, heat.		
<b>Hazardous Decomposition Products:</b> Carbon monoxide, carbon dioxide.					
SECTION 5 - HEALTH HAZARD DATA					
<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS					
<b>ACUTE EFFECTS:</b>					
<b>Inhalation:</b> Excessive inhalation of vapors can be harmful & may cause headache, dizziness, asphyxia, anesthetic effects & possible unconsciousness.					
<b>Eye Contact:</b> Slight irritation.			<b>Skin Contact:</b> Slight irritation.		
<b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs. Nausea.					
<b>CHRONIC EFFECTS:</b> May cause headache, dizziness, nausea, possible unconsciousness if vapor concentration exceeds TLV.					
<b>Medical Conditions Generally Aggravated by Exposure:</b> May aggravate existing eye, skin, or upper respiratory conditions.					
EMERGENCY FIRST AID PROCEDURES					
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritated, seek medical attention.					
<b>Skin Contact:</b> Wash with soap and water. If irritated, seek medical attention.					
<b>Inhalation:</b> Remove to fresh air. Resuscitate if necessary. Get medical attention.					
<b>Ingestion:</b> <b>DO NOT INDUCE VOMITING.</b> Drink two large glasses of water. Get immediate medical attention.					
SECTION 6 - CONTROL AND PROTECTIVE MEASURES					
<b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by NIOSH to be used in a positive pressure mode.					
<b>Protective Gloves:</b> Disposable latex gloves suggested.			<b>Eye Protection:</b> Safety glasses recommended.		
<b>Ventilation Requirements:</b> Adequate ventilation to keep vapor concentration below TLV.					
<b>Other Protective Clothing &amp; Equipment:</b> None					
<b>Hygienic Work Practices:</b> Wash with soap and water before handling food. Remove contaminated clothing.					
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE					
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Flush to sewer with water.					
<b>Waste Disposal Methods:</b> Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.					
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not puncture or incinerate containers. Do not store at temperatures above 130°F.					
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> Avoid food contamination. Avoid breathing vapors.					

*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 October 23, 2000. 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.**

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