

A 220-20

**MATERIAL SAFETY DATA SHEET**

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND DISTRIBUTOR'S INFORMATION						
<b>NFPA Rating:</b> Health-2; Flammability-3; Reactivity-0; Special-- <b>Manufacturer's Name:</b> AMREP, INC. <b>Address:</b> 990 Industrial Park Drive <b>Address:</b> Marietta, GA 30062			<b>HMIS Rating:</b> Health-2; Flammability-3; Reactivity-0; Personal Protection-B <b>DOT Hazard Classification:</b> ORM-D <b>Identity (trade name as used on label):</b> <b>MISTY DUAL ACTION DISINFECTANT</b>			
<b>Date Prepared:</b> 10/03/07 <b>Information Calls:</b> (770)422-2071 <b>D.O.T. EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3924		<b>Prepared By:</b> IB <b>MSDS Number:</b> A00220 <b>NOTICE:</b> JUDGEMENT BASED ON INDIRECT TEST DATA		<b>Revision:</b> 1		
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 **
ETHANOL		64-17-5	No	1000	1000	d
ISOBUTANE / PROPANE BLEND		75-28-5	No	800	800	d
		74-98-6	No	1000	1000	d
ISOPROPANOL		67-63-0	No	400	400	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> N/A <b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): Max.60 <b>Vapor Density (Air = 1):</b> greater than 1 <b>Solubility in Water:</b> Soluble <b>Appearance and Odor:</b> Clear, colorless spray, with country garden fragrance and alcohol odor.			<b>Specific Gravity (H2O=1):</b> Concentrate Only = 0.85 <b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/A <b>Evaporation Rate (water= 1):</b> greater than 1 <b>Water Reactive:</b> No			
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols): Extinguishes flame: NOT CATEGORIZED AS FLAMMABLE per US CPSC.		<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>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.			<b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide, water.			
<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>Incompatibility (Mat. to avoid):</b> Oxidants, reducing agents, ammonium salts.			<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR <b>Conditions to Avoid:</b> Open flame, welding arcs, heat.			
<b>Hazardous Decomposition Products:</b> CO, CO2 as well as trace amounts of nitrogen oxides and hydrogen chloride.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b> <b>Inhalation:</b> Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness. <b>Eye Contact:</b> Moderate irritation. <b>Skin Contact:</b> Possible mild irritation. <b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs. Nausea.						
<b>CHRONIC EFFECTS:</b> (Effects due to excessive exposure to the raw materials of this mixture) Overexposure may cause kidney damage, liver abnormalities, brain damage.						
<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> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.						
<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> Drink large glasses of water. <b>INDUCE VOMITING.</b> Seek 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 in positive pressure mode and/or organic vapor.						
<b>Protective Gloves:</b> Latex, nitrile or PVC if skin is easily irritated.			<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. Wash hands before eating, drinking chewing gum, using tobacco or using the toilet.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken if Material Is Spilled Or Released:</b> Absorb with suitable medium. Incinerate or landfill according to local, state or Federal regulations. DO NOT FLUSH TO SEWER.						
<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> KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources. Although product is not categorized as flammable per Consumer Product Safety Commission's testing for aerosol product labeling, this product contains ethanol which presents a flammability hazard in liquid and vapor form. Do not use on polished wood furniture or rayon fabrics.						

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

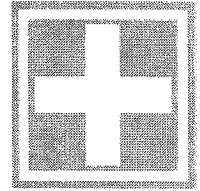


# PRODUCT SALES SHEET

**A00220**

**Dual Action Disinfectant**

**Disinfectants**



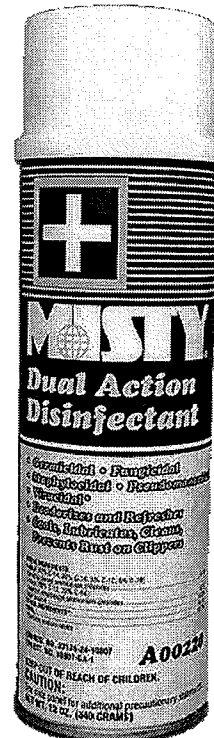
### Features

- Dual Purpose, Disinfects & Deodorizes
- Dual Quat Active Ingredients
- Germicidal, Fungicidal, Staphylocidal, Pseudomonacidal, Virucidal
- Prevents Mold & Mildew on Hard Non-Porous Surfaces
- Unique 360 Degree Valve Sprays in Any Position
- Deodorizes and Refreshes with a Fresh Linen Scent

### Description

This product is a classic dual quat disinfectant spray with dual action to disinfectant hard surfaces and deodorize at the same time. The Fresh Linen fragrance is one of our most popular new fragrances and is suitable for a wide variety of applications ranging from hospitals to schools. The product effectively kills the Hospital Trio (staph, salmonella, pseudomonas), seven other microorganisms including HIV, along with mold and mildew. In addition, the product is effective for clipper maintenance used by groomers to cool, lubricate, and prevent corrosion on clipper blades. The formula is 50 state VOC compliant and a more economical option than other products of this type. 20 net 12 oz can.

TECHNICAL INFO:		
Physical Properties	Appearance	Mist
	Color	None to Light Straw
	Odor/Fragrance	Linen
	pH	9.0-10.0
	Spray Pattern	Mist
Environmental Profile	Glycol Ether Content	No
	Biodegradability	No
	Chlorinated Solvents	No
	Green Status	None
	Recyclable Packaging	Yes
Regulatory Compliance	% VOC By Weight	85.8
	VOC Restricted Regions	None
	Food Processing Suitability	N/A
	EPA #	33176-24-10807
	Flammability per CPSC	NCAF
	NFPA Code 30B Storage Level	2



Packages Available:



Label Datecode: 04/07

Manufactured by:



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