

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

NFPA Rating: Health-2; Flammability-3; Reactivity-0; Special-0	HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-8
Manufacturer's Name: AMREP, INC. Address: 990 Industrial Park Drive Manetta, GA 30062	DOT Hazard Classification: Flammable Liquid 3 (ORM-D for 1 gallon and smaller) Identity (trade name as used on label): DISINFECTANT & DEODORANT RTU
Date Prepared: 05-16-97 Information Calls: (770)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924	Prepared By: iB MSDS Number: R-221 Revision: 3 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 **
ETHANOL	64-17-5	No	1000	1000	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/E	Specific Gravity (H ₂ O=1): 0.840
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/E
Vapor Density (Air = 1): N/E	Evaporation Rate (= 1): N/E
Solubility in Water: Soluble	Water Reactive: No
Appearance and Odor: Clear, colorless liquid, with light fragrance.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) NA	Auto Ignition Temperature N/E	Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E
FLASH POINT AND METHOD USED (non-aerosols): <100F	EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.	
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.		
Unusual Fire & Explosion Hazards: Flammable liquid. Store away from ignition sources		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to avoid): Oxidants, reducing agents, ammonium salts.	Conditions to Avoid: Open flame, welding arcs, heat.
Hazardous Decomposition Products: CO, CO ₂ .	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS	
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.	
Eye Contact: Mild irritation.	Skin Contact: Possible mild irritation.
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.	
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) Overexposure may cause kidney damage, liver abnormalities, brain damage.	
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Skin Contact: Wash with soap and water. If irritated, seek medical attention.
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.
Ingestion: Drink large glasses of water. INDUCE VOMITING. Seek immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode.	
Protective Gloves: Latex, if skin is easily irritated.	Eye Protection: Safety glasses recommended.
Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.	
Other Protective Clothing & Equipment: None	
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. DO NOT FLUSH TO SEWER.
Waste Disposal Methods: Incinerate or landfill according to local, state or Federal regulations.
Precautions To Be Taken in Handling & Storage: Store away from ignition sources
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources. 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

TECHNICAL DATA SHEET

Product Name: Misty Disinfectant & Deodorant RTU

Item Number: R221

Description: This powerful hospital disinfectant and deodorant acts quickly on germ laden surfaces such as refuse cans, toilet seats, telephones, wash basins, urinals, laundry chutes, door knobs, metal beds and springs, wheel chairs, linen carts, hampers, dressing carts, clean-up carts, light switches, office machinery and other equipment, after the surface has been properly cleaned. Will reduce bacteria on environmental surfaces. Non-selective odor suppressant for space odor conditioning and deodorizing surgical dressings. Deodorant attacks malodor at the source. Does not cause anosmia. Suppresses and eliminates odors by chemically neutralizing odor-producing materials. Effective on odors from any source in hospitals, nursing homes, ambulances, from post-colostomy, postileostomy dressing and bags, and malignant diseases. Also effective on odors in the home, kitchens, bathrooms, industrial plant processes, food processing and packaging plants and food stores. This product will control the following organisms: *Aspergillus niger*, *Tubercle bacillus*, *Mycobacterium smegmatis*, *Penicillium glaucum*, *Pseudomonas aeruginosa*, *Salmonella choleraesuis*, *Salmonella schottmuelleri* (paratyphoid B), *Salmonella typhosa*, *Shigella parady-senteria*, *Staphylococcus aureus*, *Streptococcus pyogenes*, *Trichophyton interdigitale*. Completely inhibits growth of mildew (mold or fungi) on cloth. (Note: It is a violation of federal law to use this product in a manner inconsistent with its labeling. See product label copy for specific information.)

WARNING: CONTAINS SODIUM NITRITE-CAUSES EYE IRRITATION. Do not get in eyes, flush at once with water for 15 minutes. Call a physician. Avoid skin contact. Avoid breathing of spray mist. Use adequate ventilation. **STATEMENT OF PRACTICAL TREATMENT:** IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Call a physician. IF ON SKIN: Immediately flush with plenty of water for 15 minutes. Remove and wash all contaminated clothing before reuse. IF SWALLOWED: Drink large quantities of water. Call a physician. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed. Avoid contact with food. Before using, food and packaging materials must be removed or covered. Treated food contact surfaces must be covered. Treated food contact surfaces must be scrubbed with detergent and rinsed with potable water prior to reuse. **PHYSICAL AND CHEMICAL HAZARDS:** FLAMMABLE. Keep away from heat or open flame. **KEEP OUT OF REACH OF CHILDREN.**

Container Disposal: See product label copy for specific information.

Spill Or Leakage Procedures: Absorb with suitable medium. Do not flush to sewer. Dispose of in accordance with all local, state and federal regulations.

Product Specifications:

EPA Reg. No:	10807-178
Active Ingredients:	<i>o</i> -Phenylphenol: 0.177%; <i>p</i> -tert-Amylphenol: 0.045%; Ethyl alcohol: 67.000%
Inert Ingredients:	32.778%
USDA Category:	(Pending)
Classification:	Liquid Disinfectant/Deodorant
General Appearance:	Clear Liquid
Color:	Light Straw
Odor:	Alcohol
pH:	10.0 - 11.0
Flash Point:	60°F TCC

HMIS RATING: Health-2; Flammability-3; Reactivity-0; Personal Protection-B.

03/96

Manufactured by:



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945 East Pleasant Run Road · Lancaster, TX 75146
3600 West Carriage Drive · Santa Ana, CA 92704