

# 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-3; Reactivity-0; Special--                               | <b>HMS Rating:</b> Health-2; Flammability-3; Reactivity-0; Personal Protection-B  |
| Manufacturer's Name: <b>AMREP, INC.</b><br>Address: 990 Industrial Park Drive<br>Marietta, GA 30062 | <b>DOT Hazard Classification:</b> ORM-D<br><b>Identity</b> (trade name as used on label):<br><b>MISTY II DISINFECTANT &amp; DEODORANT</b> |
| Date Prepared: 10/05/00 Prepared By: DL/IB  | <b>MSDS Number:</b> A00221 Revision- 13   |
| Information Calls: (770)422-2071  | NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA  |
| <b>EMERGENCY RESPONSE NUMBER: 1(800)255-3924</b>  |   |

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES<br>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater) | CAS Number | SARA<br>III LIST | OSHA PEL<br>(ppm) | ACGIH<br>TLV (ppm) | Carcinogen<br>Ref. Source ** |
|---|------------|------------------|-------------------|--------------------|------------------------------|
| ETHANOL   | 64-17-5    | No               | 1000              | 1000               | d                            |
| SODIUM NITRITE  | 7632-00-0  | No               | N/E               | N/E                | d                            |
| METHYL ALCOHOL  | 67-56-1    | Yes              | 200               | 200                | d                            |
| AMMONIUM HYDROXIDE  | 1336-21-6  | No               | 35                | 25                 | d                            |
| ISOBUTANE / PROPANE BLEND   | 75-28-5    | No               | 800               | 800                | d                            |
|   | 74-98-6    | No               | 1000              | 1000               | d                            |
| O-PHENYLPHENOL  | 90-43-7    | Yes              | NE                | NE                 | e                            |
|   |            |                  |                   |                    |                              |
| <b>WARNING: This product contains a chemical or chemicals known to the State of California to cause cancer.</b> |            |                  |                   |                    |                              |
|   |            |                  |                   |                    |                              |

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

|   |  |
|---|--|
| <b>Boiling Point:</b> N/A   | <b>Specific Gravity</b> (H2O=1): Concentrate Only = 0.840        |
| <b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): Max.60                           | <b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/A |
| <b>Vapor Density</b> (Air = 1): N/E   | <b>Evaporation Rate</b> ( = 1): N/E                              |
| <b>Solubility in Water:</b> Soluble   | <b>Water Reactive:</b> No  |
| <b>Appearance and Odor:</b> Clear, colorless spray, with light, airy fragrance. |  |

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

|  |  |  |  |            |
|--|--|--|--|------------|
| FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)   |  | Auto Ignition Temperature                                      | Flammability Limits in Air by % in Volume: |            |
| NON-FLAMMABLE  |  | N/E  | % LEL: N/E                                 | % UEL: N/E |
| FLASH POINT AND METHOD USED (non-aerosols): N/A  |  | EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water. |  |            |
| SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.  |  |  |  |            |
| Unusual Fire & Explosion Hazards: 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</b> (Mat. to avoid): Oxidants, reducing agents, ammonium salts. | <b>Conditions to Avoid:</b> Open flame, welding arcs, heat.   |
| <b>Hazardous Decomposition Products:</b> CO, CO2.                                  |   |

## SECTION 5 - HEALTH HAZARD DATA

|   |  |
|---|--|
| <b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [ ] 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> Mild 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

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|---|
| <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> Drink large glasses of water. <b>INDUCE VOMITING.</b> Seek immediate medical attention. |

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

|   |  |
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| <b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode. |  |
| <b>Protective Gloves:</b> Latex, 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.                                  |  |

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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| <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. 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

**THIS MSDS IS CURRENT AS OF March 30, 2006.** 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.