

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-- Manufacturer's Name: AMREP, INC. Address: 990 Industrial Park Drive Marietta, GA 30062 | | | HMIS Rating: Health-1; Flammability-3; Reactivity-0; Personal Protection-B DOT Hazard Classification: ORM-D Identity (trade name as used on label): <b style="text-align: center;">MISTY ALTRASAN <b style="text-align: center;">AIR SANITIZER & DEODORIZER-TRF | | | |
| Date Prepared: 10/16/07 Prepared By: IB | | MSDS Number: A00295 FL Revision: first issue | | | | |
| Information Calls: (770)422-2071 D.O.T. EMERGENCY RESPONSE NUMBER: 1(800)255-3924 | | | 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 ** |
| 1,1 DIFLUOROETHANE | | 75-37-6 | No | NE | NE | d |
| ETHANOL | | 64-17-5 | No | 1000 | 1000 | d |
| TRIETHYLENE GLYCOL | | 112-27-6 | No | N/E | N/E | d |
| ISOPROPYL ALCOHOL | | 67-63-0 | No | 400 | 200 | d |
| SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS | | | | | | |
| Boiling Point: N/A | | | Specific Gravity (H₂O=1): Concentrate Only = 0.88 | | | |
| Vapor Pressure: PSIG @ 70°F (Aerosols): Max.80 | | | Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A | | | |
| Vapor Density (Air = 1): greater than 1 | | | Evaporation Rate (water = 1): greater than 1 | | | |
| Solubility in Water: Soluble | | | Water Reactive: No | | | |
| Appearance and Odor: Clear liquid, fragrance of perfume and alcohol odor. Total release fogger. | | | | | | |
| SECTION 3 - FIRE AND EXPLOSION HAZARD DATA | | | | | | |
| FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) 13-16 inches, no flash back: USA CPSC : NOT CATEGORIZED AS FLAMMABLE | | 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): lowest flash point of liquid components: 55°F (TCC). | | | EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water fog, water spray. | | | |
| 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 | | | | | | |
| STABILITY [X] STABLE [] UNSTABLE | | | HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR | | | |
| Incompatibility (Mat. to avoid): Alkalis, oxidizing materials, amines, potassium, sodium and magnesium. | | | Conditions to Avoid: Open flame, welding arcs, heat. | | | |
| Hazardous Decomposition Products: CO, CO ₂ , hydrofluoric acid, carbonyl fluoride, various hydrocarbons, and trace oxides of nitrogen. | | | | | | |
| SECTION 5 - HEALTH HAZARD DATA | | | | | | |
| PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [] SKIN ABSORPTION [X] EYE [] 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: Possible irritation. | | | Skin Contact: Possible slight irritation with prolonged contact. | | | |
| Ingestion: Not a likely route of entry due to product form. Possible chemical pneumonitis if aspirated into lungs. Nausea. | | | | | | |
| CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormality, liver abnormalities, kidney and/or lung 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 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center of doctor for treatment advice. | | | | | | |
| Skin Contact: Wash with soap and water. If irritated, seek medical attention. | | | | | | |
| Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention. | | | | | | |
| Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention. | | | | | | |
| SECTION 6 - CONTROL AND PROTECTIVE MEASURES | | | | | | |
| Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH for organic vapor. | | | | | | |
| Protective Gloves: None, unless skin is irritated. | | | Eye Protection: Safety glasses recommended. Avoid spraying into eyes. | | | |
| 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. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER. | | | | | | |
| Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard. | | | | | | |
| Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F. | | | | | | |
| Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing abusively excessive amount of vapors. Remove ignition sources. | | | | | | |

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