

# 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--<br><b>Manufacturer's Name:</b> AMREP, INC.<br><b>Address:</b> 990 Industrial Park Drive<br>Marietta, GA 30062  |  |   | <b>HMIS Rating:</b> Health-1; Flammability-1; Reactivity-0; Personal Protection-B<br><b>DOT Hazard Classification:</b> ORM-D<br><b>Identity</b> (trade name as used on label):<br><div style="text-align: center;"><b>MISTY CLOUD 9</b><br/><b>ENGLISH GARDEN CARPET REFRESHER</b></div> |   |                 |                           |
| <b>Date Prepared:</b> 01/31/07 <b>Prepared By:</b> IB  |  | <b>MSDS Number:</b> A00261 <b>Revision:</b> 1 |  |   |                 |                           |
| <b>Information Calls:</b> (770)422-2071<br><b>EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3924  |  |   | NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA  |   |                 |                           |
| 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 III LIST  | OSHA PEL (ppm)  | ACGIH TLV (ppm) | Carcinogen Ref. Source ** |
| ETHANOL  |  | 64-17-5                                       | No   | 1000  | 1000            | d                         |
| 1,1 DIFLUOROETHANE   |  | 75-37-6                                       | No   | NE  | NE              | d                         |
|  |  |   |  |   |                 |                           |
|  |  |   |  |   |                 |                           |
| SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS  |  |   |  |   |                 |                           |
| <b>Boiling Point:</b> liquid concentrate only : approximately 212°F  |  |   | <b>Specific Gravity (H2O=1):</b> liquid concentrate only =1.01   |   |                 |                           |
| <b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): max 90  |  |   | <b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/A   |   |                 |                           |
| <b>Vapor Density (Air = 1):</b> greater than 1   |  |   | <b>Evaporation Rate (water = 1):</b> liquid concentrate only: approximately 1  |   |                 |                           |
| <b>Solubility in Water:</b> Soluble  |  |   | <b>Water Reactive:</b> No  |   |                 |                           |
| <b>Appearance and Odor:</b> Light, white foam with floral fragrance.   |  |   |  |   |                 |                           |
| SECTION 3 - FIRE AND EXPLOSION HAZARD DATA   |  |   |  |   |                 |                           |
| <b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols): extinguishes flame: Not categorized as flammable.   |  | <b>Auto Ignition Temperature</b><br>N/E       |  | <b>Flammability Limits in Air by % in Volume:</b><br>% LEL: N/E      % UEL: N/E |                 |                           |
| <b>FLASH POINT AND METHOD USED</b> (non-aerosols): N/A   |  |   | <b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide.   |   |                 |                           |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.   |  |   |  |   |                 |                           |
| <b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 120°F or the container may rupture.  |  |   |  |   |                 |                           |
| SECTION 4 - REACTIVITY HAZARD DATA   |  |   |  |   |                 |                           |
| <b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE  |  |   | <b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR   |   |                 |                           |
| <b>Incompatibility</b> (Mat. to avoid): Strong oxidizers.  |  |   | <b>Conditions to Avoid:</b> Open flame, welding arcs, heat, sparks.  |   |                 |                           |
| <b>Hazardous Decomposition Products:</b> Carbon monoxide, carbon dioxide, various hydrocarbons, small amts of HF (hydrofluoric acid) & trace oxides of nitrogen.   |  |   |  |   |                 |                           |
| SECTION 5 - HEALTH HAZARD DATA   |  |   |  |   |                 |                           |
| <b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> 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. Propellant density is greater than air and can block aveoli absorption of oxygen .Abusive inhalation of propellant can result asphyxia (death). |  |   |  |   |                 |                           |
| <b>Eye Contact:</b> May cause slight irritation.   |  |   | <b>Skin Contact:</b> May cause slight irritation with repeated and prolonged contact.  |   |                 |                           |
| <b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs.   |  |   |  |   |                 |                           |
| <b>CHRONIC EFFECTS:</b> None known.  |  |   |  |   |                 |                           |
| <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> Flush thoroughly with water. If irritation develops, seek medical attention.  |  |   |  |   |                 |                           |
| <b>Inhalation:</b> Remove to fresh air. Resuscitate if necessary. Get medical attention.   |  |   |  |   |                 |                           |
| <b>Ingestion:</b> DO NOT INDUCE VOMITING. 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 / MSHA for organic vapors.  |  |   |  |   |                 |                           |
| <b>Protective Gloves:</b> Latex, PVC or nitrile 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> Eyewash station suggested.   |  |   |  |   |                 |                           |
| <b>Hygienic Work Practices:</b> Wash with soap and water before handling food.   |  |   |  |   |                 |                           |
| 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 120°F.  |  |   |  |   |                 |                           |
| <b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. 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