

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-1; Reactivity-0; Special-- | | | HMIS Rating: Health-2; Flammability-1; Reactivity-0; Personal Protection-B | | | |
| Manufacturer's Name: AMREP, INC. | | | DOT Hazard Classification: NON-REGULATED | | | |
| Address: 990 Industrial Park Drive Marietta, GA 30062 | | | Identity (trade name as used on label): MISTY GLYPHO KILL 2% | | | |
| Date Prepared: 02/07/03 Prepared By: RC/IB | | | MSDS Number: B00570 Revision 1 | | | |
| Information Calls: (770)422-2071 | | | NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA | | | |
| EMERGENCY RESPONSE NUMBER: 1(800)255-3924 | | | | | | |
| 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 ** |
| ISOPROPYLAMINE SALT OF N-(PHOSPHONOMETHYL) GLYCINE (GLYPHOSATE) | | 38641-94-0 | No | N/E | N/E | d |
| SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS | | | | | | |
| Boiling Point: 212°F | | | Specific Gravity (H₂O=1): 1.0 | | | |
| Vapor Pressure: PSIG @ 70°F (Aerosols): N/A | | | Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): NE | | | |
| Vapor Density (Air = 1): greater than 1 | | | Evaporation Rate (Butyl Acetate= 1): less than 1 | | | |
| Solubility in Water: Complete | | | Water Reactive: No | | | |
| Appearance and Odor: Clear, yellow liquid with slight detergent-like odor | | | | | | |
| SECTION 3 - FIRE AND EXPLOSION HAZARD DATA | | | | | | |
| FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A | | Auto Ignition Temperature N/A | | Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A | | |
| FLASH POINT AND METHOD USED (non-aerosols): 124°F (PMCC) Not categorized as combustible per test results of 49CFR 173 Appendix H: Does not support combustion. | | | SPECIAL FIRE FIGHTING PROCEDURES: Cool exposed containers with water. Wear positive pressure breathing apparatus and full protective clothing. Stay upwind and out of low areas. | | | |
| EXTINGUISHER MEDIA: Product will not support combustion. Use materials and media appropriate to the surrounding fire. | | | | | | |
| Unusual Fire & Explosion Hazards: Thermal degradation can product irritating or poisonous gases. If product leaks from containers, runoff water from fire control may require notification of local authorities concerning surface water contamination. | | | | | | |
| 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): Do not store in galvanized or plain steel containers, as hydrogen gas generated could be ignited by open flame, spark, or other ignition source. | | | Conditions to Avoid: Excess heat and open flame. | | | |
| Hazardous Decomposition Products: Oxides of nitrogen and carbon | | | | | | |
| SECTION 5 - HEALTH HAZARD DATA | | | | | | |
| PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS | | | | | | |
| ACUTE EFFECTS: | | | | | | |
| Inhalation: Mists may be irritating to respiratory tract. | | | | | | |
| Eye Contact: Moderate irritation. | | | Skin Contact: Excessive or prolonged exposure may cause slight irritation. | | | |
| Ingestion: Gastrointestinal discomfort, nausea, vomiting, diarrhea | | | | | | |
| CHRONIC EFFECTS: None known. | | | | | | |
| Medical Conditions Generally Aggravated by Exposure: Pre-existing dermatitis and respiratory conditions. | | | | | | |
| EMERGENCY FIRST AID PROCEDURES | | | | | | |
| Eye Contact: Flush with water for 15 minutes. Seek medical attention. | | | | | | |
| Skin Contact: Remove contaminated clothing. Wash with soap and water. If irritation persists, get medical attention. Launder contaminated clothing before reuse. | | | | | | |
| Inhalation: Remove to fresh air. If not breathing, provide artificial respiration. Call poison control center or doctor immediately for treatment advice. | | | | | | |
| Ingestion: DO NOT INDUCE VOMITING. Call poison control center or doctor immediately for treatment advice. Have person sip water if able to swallow. Do not give anything by mouth to an unconscious person. | | | | | | |
| SECTION 6 - CONTROL AND PROTECTIVE MEASURES | | | | | | |
| Respiratory Protection (specify type): None needed under normal outdoor use. Avoid breathing spray mist. If mist is unavoidable, wear dust/mist filtering respirator approved by NIOSH. | | | | | | |
| Protective Gloves: Chemical resistant: butyl rubber, natural rubber, neoprene, nitrile. | | | Eye Protection: Safety glasses or goggles | | | |
| Ventilation Requirements: Normal room ventilation is usually sufficient. | | | | | | |
| Other Protective Clothing & Equipment: Long sleeved shirt, long pants, shoes and socks recommended. Eyewash station. | | | | | | |
| Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling. Launder contaminated clothing before reusing. | | | | | | |
| SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE | | | | | | |
| Steps To Be Taken If Material Is Spilled Or Released: Do not touch spilled material. Use personal protection equipment (see section 6). Absorb on suitable media, then collect in plastic lined metal drums for disposal in accordance with all local, state and federal regulations. | | | | | | |
| Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations. | | | | | | |
| Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Protect from extreme heat and cold. Do not contaminate water, foodstuffs, seed or feed by storage or disposal. | | | | | | |
| Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. | | | | | | |

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