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-1; Flammability-2; Reactivity-0; Special- -	**HMIS Rating:** Health-1; Flammability-2; Reactivity-0; Personal Protection-B
Manufacturer's Name: **AMREP, INC.** Address: 990 Industrial Park Drive Marietta, GA 30062	**DOT Hazard Classification:** Combustible Liquid, 3 **Identity** (trade name as used on label)**:** **MISTY WEED-A-CIDE CONCENTRATE**
Date Prepared: 08/11/95 Prepared By: RC/IB	**MSDS Number:** R 583 Revision - 8
Information Calls: (770)422-2071 **EMERGENCY RESPONSE NUMBER: 1(800)255-3924**	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 **
HEAVY AROMATIC NAPHTHA	64742-94-5	No	N/E	N/E	d
2,4-BIS(ISOPROPYLAMINO)-6-METHOXY-S-TRIAZINE-(PROMETON)	1610-18-0	No	N/E	N/E	d
ETHYLBENZENE	100-41-4	Yes	435	435	d
N-BUTANOL	71-36-3	Yes	300	150	d
O-XYLENE	95-47-6	Yes	435	435	d
M-XYLENE	108-38-3	Yes	435	435	d
PHENYL GLYCOL ETHER	122-99-6	Yes	N/E	N/E	d
1,2,3-TRIMETHYLBENZENE	95-63-6	Yes	125	125	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Initial 405ºF	**Specific Gravity** (H2O=1): .0.97
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	**Vapor Pressure** (Non-Aerosols)(mm Hg and Temperature): 68ºF .3mm//Hg
Vapor Density (Air = 1): >1	**Evaporation Rate** (water = 1): <1
Solubility in Water: Dispersible	**Water Reactive:** No

Appearance and Odor: Light brown, non-viscous liquid with aromatic solvent 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: 1.0 % UEL: 6.0

FLASH POINT AND METHOD USED (non-aerosols): 146ºF TCC **EXTINGUISHER MEDIA:** Carbon dioxide, sand, dry chemical, water fog.	**SPECIAL FIRE FIGHTING PROCEDURES:** Do not enter confined space without full bunker gear including positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire & Explosion Hazards: Oxidation & thermal decomposition can liberate noxious & toxic fumes.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [ ] UNSTABLE	**HAZARDOUS POLYMERIZATION** [ ] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizing agents.	**Conditions to Avoid:** Excessive heat, sparks, open flame.

Hazardous Decomposition Products: Oxides of carbon & nitrogen, hydrogen chloride, hydrogen bromide, unidentified organics.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [ ] INGESTION [X] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS

ACUTE EFFECTS: CNS symptoms: giddiness, headache, dizziness, nausea, unconsciousness.

Inhalation: High vapor or spray mist concentrations may produce nose, throat & respiratory irritation & may cause CNS depression (see symptoms above).

Eye Contact: Liquid is slightly irritating. High vapor concentrations may be irritating.	**Skin Contact:** Prolonged or repeated contact can result in defatting of skin, irritation and dermatitis.

Ingestion: Not highly toxic, but may result in vomiting. Aspiration of vomitus may result in pneumonitis.

CHRONIC EFFECTS: None known.

Medical Conditions Generally Aggravated by Exposure: Pre-existing eye, skin and respiratory disorders.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. while holding lids open. Get medical attention.

Skin Contact: Remove contaminated clothing. Wipe excess from skin. Wash with soap and water. If irritation persists, get medical attention.

Inhalation: Remove to fresh air. If CNS symptoms occur, get medical attention.

Ingestion: INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Avoid prolonged or repeated breathing of vapors or spray mist. Respirator not required with adequate ventilation.

Protective Gloves: Chemical resistant.	**Eye Protection:** Safety glasses or goggles as appropriate.

Ventilation Requirements: Normal room ventilation is adequate for normal handling & storage. For large spills, use explosion-proof ventilation to control vapor concentration.

Other Protective Clothing & Equipment: Eyewash stations & safety showers. Chemical resistant clothing as needed to minimize contact.

Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling. Launder contaminated clothing before reuse.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Do not contaminate sewers, ground waters or surface waters. Soak up in inert absorbent material & place into properly labeled & sealed non-leaking containers for disposal in authorized manner as hazardous waste.

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. Shelf life 1 year. Protect from extreme cold. Keep away from sources of heat, sparks or open flame.

Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Do not cut or weld on full, part full or empty drums because explosive mixtures of air & vapor may be present.

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 January 10, 2000. The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at AMREP by these date codes and therefore must remain as the originating date.