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-4; Reactivity-0; Special-0	**HMIS Rating:** Health-1; Flammability-4; Reactivity-0; Personal Protection-B
Manufacturer's Name: **AMREP, INC.** Address: 990 Industrial Park Drive Marietta, GA 30062	**DOT Hazard Classification:** ORM-D **Identity** (trade name as used on label)**:** **MISTY GUM REMOVER II**
Date Prepared: 02/23/00 Prepared By: ES/CH	**MSDS Number:** 183 Revision- 4
Information Calls: (770)422-2071 **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 **
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: (concentrate only) = -43.7°F	**Specific Gravity** (H2O=1): Concentrate Only = 0.5379
Vapor Pressure: PSIG @ 70°F (Aerosols): 70	**Vapor Pressure** (Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density (Air = 1): Concentrate only = greater than 1.5	**Evaporation Rate** (BuAc = 1): Faster
Solubility in Water: Slight	**Water Reactive:** No

Appearance and Odor: Clear, odorless spray.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) **EXTREMELY FLAMMABLE**	Auto Ignition Temperature N/E	Flammability Limits in Air by % in Volume: % LEL: 2.0 % UEL: 10.0

FLASH POINT AND METHOD USED (non-aerosols): **-156 °F** **SPECIAL FIRE FIGHTING PROCEDURES: Cool containers with water. Wear** Self-contained breathing apparatus.	**EXTINGUISHER MEDIA:** Foam, dry chemical, carbon dioxide.

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): Strong oxidizing agents.	**Conditions to Avoid:** Open flame, welding arcs, heat, sparks, or any source of ignition.

Hazardous Decomposition Products: CO, CO2.

SECTION 5 - HEALTH HAZARD DATA

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

ACUTE EFFECTS:

Inhalation: Product is an asphyxiant at very high concentrations. Excessive inhalation of vapors can be harmful and may cause headache, disorientation, rapid respiration, nausea, anesthetic effects and possible unconsciousness. Vapors are heavier than air and displace oxygen required for breathing.

Eye Contact: May cause burns and frostbite.	**Skin Contact:** May cause burns and frostbite.

Ingestion: Unlikely route of exposure. Gas under normal (usual) circumstances.

CHRONIC EFFECTS: Unknown.

Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush immediately with fresh water for at least 15 minutes while holding eyelids open. Remove contact lenses if worn. Seek medical attention immediately.

Skin Contact: Treat burned or frostbitten skin by flushing or immersing affected areas in lukewarm water. If skin is not burned, keep warm and stimulate circulation with massage. Seek medical attention immediately.

Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention. Give oxygen.

Ingestion: Unlikely route of exposure.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH to be used in a positive pressure mode.

Protective Gloves: Rubber gloves recommended.	**Eye Protection: Safety** glasses recommended.

Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.

Other Protective Clothing & Equipment: Self-contained respirator should be available for non-routine and emergency situations.

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: Isolate hazard area and deny entry. Remove all ignition sources. Ventilate area to disperse vapors. If liquid gas has not ignited, disperse with water or by flooding.

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 vapors. Avoid contact with skin or eyes.

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