

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-- Manufacturer's Name: AMREP, INC. Address: 990 Industrial Park Drive Marietta, GA 30062			HMIS Rating: Health-2; Flammability-1; Reactivity-0; Personal Protection-B DOT Hazard Classification: ORM-D Identity (trade name as used on label): MISTY SAFETY SOLVENT 2000			
Date Prepared: 12/08/04 Prepared By: TR/IB Information Calls: (770)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924			MSDS Number: A00367 Revision: 5 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-BROMOPROPANE		106-94-5	No	*Not est.	Not est.	d
CARBON DIOXIDE		124-38-9	No	5000	5000	d
ISOPROPANOL		67-63-0	No	400	400	d
*Manufacturer's suggested Exposure Limit = 25 ppm over 8 hours.						
WARNING: This product contains a chemical or chemicals known to the State of California to cause birth defects or other reproductive harm.						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: N/A			Specific Gravity (H ₂ O=1): Concentrate Only = 1.30			
Vapor Pressure: PSIG @ 70°F (Aerosols): 80-100			Vapor Pressure (concentrate only)(mmHg & Temp.): 90-100mmHg@25°C			
Vapor Density (Air = 1): greater than 1			Evaporation Rate (ether = 1): concentrate only: 0.8			
Solubility in Water: None			Water Reactive: No			
Appearance and Odor: Dual mist/stream spray with strong ethereal odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) NOT CATEGORIZED AS FLAMMABLE		Auto Ignition Temperature (bromopropane) 490°C / 914°F		Flammability Limits in Air by % in Volume: (bromopropane) % LEL: 3.0 % UEL: 8.0		
FLASH POINT AND METHOD USED (non-aerosols): N/A			EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.			
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): Strong alkalis, oxidizers and reactive metals (i.e. potassium, sodium, etc.)			Conditions to Avoid: Open flame, welding arcs, heat, sparks.			
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, hydrogen bromide, bromine, hydrogen fluoride and trace amounts of hydrogen chloride.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS						
Inhalation: Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.						
Eye Contact: Slight irritation with tearing and redness.			Skin Contact: Slight irritation due to defatting of skin, itching, and redness.			
Ingestion: ASPIRATION HAZARD. May cause chemical pneumonia if aspirated into lungs from vomiting. Gastrointestinal irritation.						
CHRONIC EFFECTS: (Effects due to long term excessive exposure to the raw materials of this mixture may cause adverse liver, kidney, respiratory system and Central Nervous System effects.						
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with plenty of water for at least 15 minutes. If irritated, seek medical attention.						
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. Aspiration hazard. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH approved for organic vapor.						
Protective Gloves: Neoprene			Eye Protection: Safety glasses recommended.			
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.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Absorb spilled liquid with inert material. Place in closed drum for proper disposal. DO NOT FLUSH TO SEWER. Dispose of according to State, Federal and Local regulations.						
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.						

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