

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-3; Reactivity-0; Special- - Manufacturer's Name: AMREP, INC. Address: 990 Industrial Park Drive Marietta, GA 30062	HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-B DOT Hazard Classification: Flammable Liquid 3 Identity (trade name as used on label): Parts Master Isopropanol Gas Line Dryer/Parts #0457
Date Prepared: 19 August 2000 Prepared By: RC Information Calls: (770)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924	MSDS Number: RL-457 Revision: - 1 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 **
ISOPROPYL ALCOHOL	67-63-0	No	500	400	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point: 180°F	Specific Gravity (H ₂ O=1): 0.80
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): 20°C 96
Vapor Density (Air = 1): 1.1	Evaporation Rate (BUAC = 1): 2.0
Solubility in Water: Total	Water Reactive: Negligible
Appearance and Odor: Clear, fluid with characteristic alcohol 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: 6 % UEL: 35
FLASH POINT AND METHOD USED (non-aerosols): 53°F TCC	SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool with water to prevent vaporizing of the isopropyl alcohol.	
EXTINGUISHER MEDIA: Water mist, CO ₂ , dry foam, sand.	Unusual Fire & Explosion Hazards: None.	

SECTION 4 - REACTIVITY HAZARD DATA	
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE Incompatibility (Mat. to avoid): None Hazardous Decomposition Products: Oxides of carbon.	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR Conditions to Avoid: Sparks, heat, open flames.

SECTION 5 - HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	

ACUTE EFFECTS	
Inhalation: Extremely high levels of isopropanol vapor can produce nausea, headache and loss of consciousness.	
Eye Contact: Eye irritation.	Skin Contact: Repeated exposure causes drying, cracking, irritation.
Ingestion: Nausea and vomiting leading to severe illness and blindness.	
CHRONIC EFFECTS: None known.	
Medical Conditions Generally Aggravated by Exposure: Symptoms of poisoning are not immediately evident.	

EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.	
Skin Contact: Wash contaminated area with soap and water.	
Inhalation: Remove to fresh air. If breathing is impaired, get medical attention.	
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
Respiratory Protection (specify type): Use NIOSH approved organic vapor cartridge or self-contained breathing apparatus.	
Protective Gloves: Neoprene or rubber.	Eye Protection: Safety goggles.
Ventilation Requirements: Local exhaust is preferable. Mechanical exhaust is acceptable.	
Other Protective Clothing & Equipment: Splash apron, protective boots, eyebath & safety shower.	
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling. Cannot be made non-poisonous.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps To Be Taken If Material Is Spilled Or Released: Dike & absorb on inert material. Eliminate sources of ignition. Avoid run-off into sewers which lead to natural waterways.	
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 cold.	
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Product cannot be made non-poisonous.	

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