



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--			HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-B			
Manufacturer's Name: AMREP, INC.			DOT Hazard Classification, Ground Domestic: ORM-D			
Address: 990 Industrial Park Drive			DOT Hazard Classification, IMDG: UN1950, Aerosols, 2, LTD QTY			
Address: Marietta, Ga. 30062			Identity (trade name as used on label):			
			I-CHEM ELECTRONICS CLEANER DF # ICA368			
Phone: 770-422-2071			MSDS Number: A00368 Revision- 6			
Emergency Response Number: 1-800-255-3924			Date Prepared: 12/07/06 Prepared By: CH/TR/IB			
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			Information Calls: (770)422-2071			
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 **
HEPTANE		142-82-5	No	500	400	d
2-METHYLPENTANE		107-83-5	No	500	500	d
ISOPROPANOL		67-63-0	No	400	400	d
3-METHYLPENTANE		96-14-0	No	500	500	d
2,3 DIMETHYLBUTANE		79-29-8	No	500	500	d
2,2 DIMETHYLBUTANE		75-83-2	No	500	500	d
CARBON DIOXIDE		124-38-9	No	5000	5000	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: N/A			Specific Gravity (H ₂ O=1): Concentrate Only = 0.70			
Vapor Pressure: PSIG @ 70°F (Aerosols): 60-80			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A			
Vapor Density (Air = 1): N/E			Evaporation Rate (= 1): N/E			
Solubility in Water:None			Water Reactive: No			
Appearance and Odor: Clear forceful spray with aliphatic solvent odor.						
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: N/E % UEL: N/E		
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 oxidizing agents.			Conditions to Avoid: Open flame, welding arcs, heat, sparks.			
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.						
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.			Skin Contact: Slight irritation due to defatting of skin.			
Ingestion: Irritation. Aspiration into lungs can result in chemical pneumonitis and inhalation symptoms.						
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) Excessive inhalation may result in 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 water for 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. Drink two large glasses of water. 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 with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.						
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