



MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND DISTRIBUTORS 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: ORM-D		
Address: 990 Industrial Park Drive			Identity (trade name as used on label):		
Address: Marietta, Ga. 30062			I-CHEM DRY MOLY LUBRICANT # ICA387		
Phone: 770-422-2071			MSDS Number: A00387 Revision- 13		
EMERGENCY RESPONSE NUMBER: 1-800-255-3924			Date Prepared: 07/17/00 Prepared By: ES/CH		
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 **
HEXANE	110-54-3	Yes	50	50	d
ACETONE	67-64-1	No	1000	750	d
ISOPROPANOL	67-63-0	No	500	400	d
MOLYBDENUM DISULFIDE	1317-33-5	No	15mg/M3	15mg/M3	d
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: N/A			Specific Gravity (H2O=1): Concentrate Only = 0.718		
Vapor Pressure: PSIG @ 70°F (Aerosols): Max. 60			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A		
Vapor Density (Air = 1): N/E			Evaporation Rate (= 1): N/E		
Solubility in Water: Insoluble			Water Reactive: No		
Appearance and Odor: Black spray, with solvent odor.					
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA					
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) EXTREMELY FLAMMABLE		Auto Ignition Temperature	Flammability Limits in Air by % in Volume:		
		N/E	% 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 <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR		
Incompatibility (Mat. to avoid): Strong oxidants.			Conditions to Avoid: Open flame, welding arcs, heat.		
Hazardous Decomposition Products: CO, CO2.					
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 type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS					
ACUTE EFFECTS:					
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.					
Eye Contact: Irritation.			Skin Contact: Possible mild irritation due to defatting of skin.		
Ingestion: Possible chemical pneumonitis if aspirated into lungs, nausea, vomiting, diarrhea.					
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause neural dysfunction, numbness in extremities, central nervous system depression, or chemical pneumonitis.					
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. Remove contaminated clothing and launder before re-wearing. If irritated, seek medical attention.					
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.					
Ingestion: DO NOT INDUCE VOMITING. Call Poison Control Center or Ophysician IMMEDIATELY.					
SECTION 6 - CONTROL AND PROTECTIVE MEASURES					
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH/MSHA for organic vapor.					
Protective Gloves: Neoprene gloves.			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: Extinguish ALL sources of ignition. Vapors may travel long distances along ground to ignitions source. Absorb spilled liquid with suitable medium. Place in closed drum for proper disposal. 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. Avoid breathing vapors.					

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