

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-0 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: ORM-D Identity (trade name as used on label): MISTY WASP & HORNET KILLER			
Date Prepared: 04/04/96 Prepared By: LF Information Calls: (770)422-2071 EMERGENCY RESPONSE NUMBER: 1(800)255-3924			MSDS Number: 436 Revision- 11 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 **
ACETONE		67-64-1	No	1000	750	d
ISOPROPANOL		67-63-0	No	500	400	d
Insecticide Concentrate:						
0.5% PROPOXUR		114-26-1	Yes	0.5mg/M3	0.5mg/M3	d
PYRETHRIN		8003-34-7	No	5mg/M3	5mg/M3	d
PIPERONYL BUTOXIDE, TECHNICAL		51-03-6	Yes	N/E	N/E	d
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE		113-48-4	No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: N/A Vapor Pressure: PSIG @ 70°F (Aerosols): 85-100 Vapor Density (Air = 1): N/E Solubility in Water: Insoluble Appearance and Odor: Clear, yellow liquid /insecticide odor.			Specific Gravity (H2O=1): Concentrate Only = .7819 Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A Evaporation Rate (= 1): N/E Water Reactive: No			
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 SPECIAL FIRE FIGHTING PROCEDURES: 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): Alkaline materials and water.			Conditions to Avoid: Open flame, welding arcs, extreme heat, sparks.			
Hazardous Decomposition Products: carbon dioxide, carbon monoxide.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [] SKIN ABSORPTION [] EYE [] 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: Mild irritation			
Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.						
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormalities, central nervous system depression, lung, kidney, liver damage, inhibits cholinesterase.						
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: GET IMMEDIATE MEDICAL ATTENTION. Atropine sulfate is antidotal. Treat like typical organic phosphate poisoning. INDUCE VOMITING ONLY AT PHYSICIAN RECOMMENDATION.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.						
Protective Gloves: Neoprene gloves recommended.			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. Remove contaminated clothing.						
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. Avoid breathing vapors. Remove ignition sources.						

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

THIS MSDS IS CURRENT AS OF JANUARY 10, 2000. The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at the manufacturer by these date codes and therefore must remain as the originating date.