

37450

HIGH PERFORMANCE

DUALCIDE AIRBORNE INSECTICIDE

**Kills Common Household Pests:
House Flies, Mosquitoes, Cockroaches,
Fire Brats and Others**

PRODUCT DESCRIPTION

This product is a very effective formula combining two new synthetic pyrethroids. The combination provides a formula which gives extremely rapid knock down and kill of many flying and crawling insects. Economical to use, this water based product controls 17 types of insects, including flies, roaches, fleas, brown dog ticks, mosquitoes, ants and crickets. Pleasant to use and it is odorless, so no perfume is required. USDA classified F2, this is a good product for use in sensitive areas such as hospitals, nursing homes, offices.

HEALTH HAZARD DATA

Contents under pressure. Product is considered nontoxic, however, avoid contamination of food. This product contains petroleum distillate. If swallowed, do not induce vomiting. Call a physician immediately. Avoid contact with skin or eyes. Avoid breathing of spray vapors. Keep away from children.

SPILL OR LEAKAGE PROCEDURES

Remove ignition source. Absorb on sawdust or other suitable material and incinerate or landfill according to local, state and federal regulations. Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard.

PRODUCT SPECIFICATIONS

Wt./16 Oz. Can:	12 Oz.
Wt./20 Oz. Can:	16 Oz.
EPA Reg. No.:	10807-61
Active Ingredients	Percentages
Tetramethrin	0.200
d-(cis, trans) phenothrin	0.191
Other Isomers	0.009
Petroleum Distillate	9.250
Inert Ingredients:	90.350
USDA Category:	F2
Classification:	Aerosol Insecticide
General Appearance:	White Foamy Spray
Color:	Off-White
Odor:	None
pH:	5.0-6.0
Vapor Pressure at 70° F:	60 psig
Spray Pattern:	Mist
Flammability:	Not Flammable as per CPSC Flame Extension Test

Sold Exclusively By:

HP Products Corp.

4220 Saguaro Trail • Indianapolis, IN 46268
317-298-9950 • 800-382-5326
St. Louis, MO • Dayton, OH • South Bend, IN • Evansville, IN

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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 1 Flammability 2 Reactivity 0 Special 0			HMIS Rating* Health 1 Flammability 2 Reactivity 0 Personal Protection B		
MANUFACTURED FOR: HP PRODUCTS CORP.			DOT HAZARD CLASSIFICATION:* ORM-D		
ADDRESS: 4220 Saguaro Trail, Indianapolis, IN 46268			Identity (Trade Name As Used On Label) AIRBORNE DUALCIDE INSECTICIDE		
Emergency Telephone # And Other Information Calls (317) 298-9950 or 800-382-5326 or (404) 422-2071			MSDS Number* 441-8		
NOTICE JUDGEMENT BASED ON INDIRECT TEST DATA			Date Prepared: 9/12/91 Prepared By* TMJ/STN		
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS - Chemical Names & Common Names (Hazardous Components 1% or greater)	CAS Number	APPROX. % (WT)*	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN REFERENCE SOURCE**
PETROLEUM DISTILLATES	8052-41-3	9	500	100	d
PROPANE/ISOBUTANE BLEND	74-98-6 75-28-5	30	1000	1000	d
INSECTICIDE:					
TETRAMETHRIN 0.2%	7696-12-0	<1	NE	NE	d
PHENOTHRIN 0.2%	26002-80-2	<1	NE	NE	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point	NA	Specific Gravity (H ₂ O=1) Concentrate Only=			0.950
Vapor Pressure: PSIG @ 70 deg F (Aerosols)	Max 60	Vapor Pressure (Non-Aerosols) (mm Hg and Temp)			NA
Vapor Density (Air = 1)	NE	Evaporation Rate (= 1)			NE
Solubility in Water	Miscible	Water Reactive			NO
Appearance and Odor: White spray, very slight insecticide odor.					
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA					
FLAMMABILITY as per USA FLAME PROJECTION TEST (AEROSOLS) NON FLAMMABLE	Auto-Ignition Temperature	NE	Flammability Limits in Air % by Volume	LEL	UEL
Flash Point and Method Used (Non-Aerosols)	NA	Extinguisher Media	Foam, dry chemical, carbon dioxide		
Special Fire Fighting Procedures - Self contained breathing apparatus	Unusual Fire and Explosion Hazards: Do not expose aerosols to temperatures above 130 degrees F or the container may rupture.				
SECTION 4 - REACTIVITY HAZARD DATA					
STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Avoid: Heat, open flame, welding arcs.				
INCOMPATIBILITY (Materials to Avoid): Strong oxidizers, Alkaline media, heavy metals	Hazardous Decomposition Products: Carbon dioxide, carbon monoxide				
HAZARDOUS POLYMERIZATION <input checked="" type="checkbox"/> Will Not Occur <input type="checkbox"/> May Occur	Conditions To Avoid: None Known				
SECTION 5 - HEALTH HAZARD DATA					
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion <input 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: Mild Irritation		Skin Contact: Possible mild irritation			
Ingestion: Nausea. Possible chemical pneumonitis if aspirated into lungs.					
CHRONIC EFFECTS: *** May cause loss of muscle coordination, nausea, diarrhea, vomiting					
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, see physician.					
Skin Contact: Wash with soap and water. If irritated, see physician.					
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical aid.					
Ingestion: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY					
SECTION 6 - CONTROL AND PROTECTIVE MEASURES					
Respiratory Protection (Specify Type) If vapor conc. exceeds TLV, use respirator, approved by U. S. Bureau of Mines for organic vapor.					
Protective Gloves: Latex if skin is easily irritated			Eye Protection: Safety glasses recommended		
VENTILATION REQUIREMENTS: Adequate ventilation to keep vapor concentration below TLV.					
Other Protective Clothing and Equipment: None					
Hygienic Work Practices: Wash hands with soap and water before handling food. Remove contaminated clothing.					
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES					
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 and Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130 degrees F.					
Other Precautions and/or Special Hazards: KEEP OUT OF REACH OF CHILDREN Avoid food contamination. Avoid inhalation of spray mist. Avoid water contamination.					

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warrant or guarantee of any kind, express or implied.

* Optional ** Chemical Listed as Carcinogen or Potential Carcinogen
*** (Effects do to excessive exposure to the raw materials of this mixture)

(a) NTP (b) IARC monograph (c) OSHA (d) Not listed (e) Animal Data Only