

MATERIAL SAFETY DATA SHEET

WHITMIRE RESEARCH LABORATORIES, INC.
 3568 TREE COURT IND. BLVD.
 ST. LOUIS, MO 63122
 (314) 225-5371

EFFECTIVE DATE: MAY 18, 1987

TRADE NAME: WHITMIRE PT 3-6-10 AERO-CIDE - 8 & 15 lb. size

EPA REG. NO.: 499-221

 SECTION 1 HAZARDOUS INGREDIENTS

INGREDIENTS:	Z	ACGIH TLV/TWA	ACGIH STEL	CAS #	OSHA PEL	OTHER
SOLVENTS & PROPELLANTS	85.67	NA	NA	NA		
METHYLENE CHLORIDE		100ppm	500ppm	75-09-2	500ppm	ACL 1000ppm MPC 2000ppm
MONOCHLORODIFLUOROMETHANE		1000ppm	1250ppm	75-45-6	NE	
CARBON DIOXIDE		5000ppm	30000ppm	124-38-9	5000ppm	
PYRETHRINS	1.0	5mg/M ³	10mg/M ³	8003-34-7	NE	
TECHNICAL PIPERONYL BUTOXIDE	2.0	NE	NE	51-03-6	NE	
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	3.33	NE	NE	113-48-4	NE	
ISOPARAFFINIC PETROLEUM OIL	8.0	NE	NA	64742-48-9	500ppm	

 SECTION 2 PHYSICAL DATA

BOILING POINT: NA

SPECIFIC GRAVITY (H₂O = 1): ~1.20

VAPOR PRESSURE IN AEROSOL CONTAINER: 180 psig @ 70°F

PERCENT VOLATILE: ~89.7%

VAPOR DENSITY: NA

EVAPORATION RATE: NA

SOLUBILITY IN WATER: NEGLIGIBLE

APPEARANCE AND ODOR: SPRAYS AS A FINE AEROSOL FOG WITH CHARACTERISTIC
 PYRETHRIN ODOR.

PEL - Permissible Exposure Limit
 ACL - Acceptable Ceiling Level
 MPC - Maximum Peak Concentration

 SECTION 3 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NONE (ASTM DESIGNATION D-130-SST; TAG OPEN CUP)

FLAMMABLE LIMITS: NA

EXTINGUISHING MEDIA: CO₂; DRY CHEMICAL; FOAM

SPECIAL FIRE FIGHTING PROCEDURES: NONE REQUIRED

UNUSUAL FIRE AND EXPLOSION HAZARDS: CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 130°F MAY CAUSE BURSTING.

 SECTION 4 HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT ESTABLISHED

ROUTES OF ENTRY:	INHALATION ?	SKIN ?	INGESTION ?
	Secondary	Primary	Tertiary

HEALTH HAZARD (ACUTE AND CHRONIC) - SIGNS AND SYMPTOMS OF EXPOSURE:

EYE: MAY CAUSE IRRITATION.

SKIN: PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION.

INGESTION AND INHALATION: UNLIKELY DUE TO THE PRODUCT BEING A PRESSURIZED PRODUCT AND PRODUCING PARTICLES LARGE ENOUGH NOT TO BE RESPIRABLE. A FEW CASES OF EXTRINSIC ASTHMA FROM PYRETHRIN MIXTURES HAVE BEEN REPORTED. PROLONGED EXPOSURE MAY CAUSE DRYING OF NOSE AND THROAT. MINIMAL ANESTHETIC OR NARCOTIC EFFECTS MAY BE SEEN IN THE RANGE OF 500 TO 1000ppm METHYLENE CHLORIDE. WHEN USED ACCORDING TO LABEL DIRECTIONS THIS LEVEL WILL NOT BE ATTAINED.

CARCINOGENICITY:	NTP ?	IARC MONOGRAPH ?	OSHA REGULATED ?
	SEE BELOW	NO	NO

METHYLENE CHLORIDE HAS BEEN SHOWN TO INCREASE THE RATE OF SPONTANEOUSLY OCCURRING MALIGNANT TUMORS IN THE B6C3F1 MOUSE AND BENIGN TUMORS IN LABORATORY RATS.

EMERGENCY AND FIRST AID PROCEDURES:

IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DO NOT INDUCE VOMITING. VOMITING MAY CAUSE ASPIRATION PNEUMONIA. TREATMENT IS SYMPTOMATIC. ANTIHISTAMINES ARE OF VALUE.

IF INHALED: REMOVE PATIENT TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF INDICATED.

IF ON SKIN: REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED SKIN AREAS WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

IF IN EYES: FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

SECTION 5 REACTIVITY DATA

STABILITY: INDEFINITE WHEN USED ACCORDING TO DIRECTIONS.

CONDITIONS TO AVOID: DO NOT SPRAY INTO OPEN FLAME OR ONTO VERY HOT SURFACES.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION IN OPEN FLAME MAY RESULT IN HALOGEN ACIDS AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 6 SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: IF CONTAINER BEGINS TO LEAK (THROUGH PUNCTURE, ETC.) ALLOW IT TO DISCHARGE COMPLETELY IN A WELL VENTILATED AREA, THEN DISPOSE IN A SAFE PLACE. IN CASE OF SPILLAGE ON SKIN, WASH THOROUGHLY WITH SOAP AND WATER.

WASTE DISPOSAL METHOD: AEROSOL CYLINDER IS NOT REFILLABLE. DO NOT ATTEMPT TO RECHARGE. WHEN CYLINDER IS EXHAUSTED, DISCARD IN SAFE PLACE. DO NOT THROW INTO FIRE.

SECTION 7 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: DURING GENERAL VOLUMETRIC TREATMENT, WEAR PESTICIDE RESPIRATOR APPROVED BY NIOSH UNDER 30 CFR PART 11.

VENTILATION: LOCAL EXHAUST: NONE REQUIRED
MECHANICAL: PROVIDE ADEQUATE VENTILATION OF TREATMENT AREA.
SPECIAL: NONE REQUIRED
OTHER: NONE REQUIRED

PROTECTIVE GLOVES: NONE REQUIRED

EYE PROTECTION: NONE REQUIRED

OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED

SECTION 8 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE. DO NOT STORE NEAR HEAT OR OPEN FLAME. DO NOT REMAIN IN TREATED AREAS. EXPOSURE TO TEMPERATURES ABOVE 130 °F MAY CAUSE BURSTING. AVOID SKIN CONTACT.

OTHER PRECAUTIONS: FOODS OR EATING UTENSILS SHOULD BE REMOVED OR COVERED DURING TREATMENT. REMOVE PETS, BIRDS, AND COVER FISH BOWLS DURING TREATMENT. VENTILATE AREA AFTER TREATMENT IS COMPLETED.

NA - NOT APPLICABLE
NE - NOT ESTABLISHED

PREPARED BY: MICHAEL G. SARLI