



## MATERIAL SAFETY DATA SHEET

WHITMIRE RESEARCH LABORATORIES, INC.  
3568 TREE COURT IND. BLVD.  
ST. LOUIS, MO 63122  
EFFECTIVE DATE: SEPTEMBER 19, 1991

**WHITMIRE**  
**X-Clude<sup>®</sup> PT<sup>®</sup> 1600A**  
**Timed Release Insecticide**

(314) 225-5371 (8:00 a.m. to 5:00 p.m. CST)  
(314) 576-0120 AFTER HOURS  
EMERGENCY PHONE NUMBER  
(800) 424-9300 CHEMTREC

AEROSOL INSECTICIDE

EPA REG. NO.: 499-239

## SECTION 1: HAZARDOUS INGREDIENTS

Propellants: 25.0%  
Propane: CAS #74-98-6  
Pyrethrins: 0.3% CAS #8003-34-7  
Technical Piperonyl Butoxide: 2.2% CAS #51-03-6  
N-Octyl Bicycloheptene Dicarboximide: 0.336%  
CAS #113-48-4  
Isoparaffinic Petroleum Oil: 1.209%  
CAS #64742-48-9

ACGIH TLV/TWA	ACGIH STEL	OSHA PEL
NE	NE	1000ppm
5mg/M <sup>3</sup>	10mg/M <sup>3</sup>	NE
NE	NE	NE
NE	NE	NE
NE	NE	500ppm

## SECTION 2: PHYSICAL DATA

BOILING POINT: NA  
SPECIFIC GRAVITY: (H<sub>2</sub>O = 1): 0.995 @ 20°C  
VAPOR PRESSURE IN AEROSOL CONTAINER:  
50 psig @ 70°F  
PERCENT VOLATILE: -97.0%

VAPOR DENSITY: NA  
EVAPORATION RATE: NA  
SOLUBILITY IN WATER: Disperses  
APPEARANCE AND ODOR: Beige-yellow liquid  
spray with characteristic Pyrethrin odor.

## SECTION 3: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None (ASTM Designation D-13-10-  
SST; Tag Open Cup) (Aerosol Concentrate)  
NFPA 30B FLAMMABILITY: Level I Aerosol  
FLAMMABLE LIMITS: NA  
EXTINGUISHING MEDIA: CO<sub>2</sub>; Dry Chemical;  
Foam; H<sub>2</sub>O

SPECIAL FIRE FIGHTING PROCEDURES: None -  
water based formulation.  
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: NE  
ROUTES OF ENTRY:  
INHALATION? SKIN? INGESTION?  
Secondary NA Tertiary

**HEALTH HAZARD (ACUTE AND CHRONIC) -  
SIGNS AND SYMPTOMS OF EXPOSURE:**  
**EYE:** Product is not an eye irritant for albino rabbits.  
**SKIN:** Product is not a skin irritant for albino rabbits.  
Acute Dermal toxicity LD<sub>50</sub> > 2,000 mg/kg (rabbits).  
**INGESTION & INHALATION:** Unlikely due to the  
product being pressurized and producing particles large  
enough not to be respirable. Acute Oral toxicity LD<sub>50</sub> >  
5,000 mg/kg (rats). Encapsulation greatly reduces the  
toxicity and irritation potential of the active ingredients. A  
few cases of extrinsic asthma have been reported for  
Pyrethrum.

**CARCINOGENICITY:**  
NTP? IARC MONOGRAPH? OSHA REGULATED?  
No No No

**EMERGENCY AND FIRST AID PROCEDURES:**  
**IF SWALLOWED:** Call a physician or poison control  
center immediately. Drink one or two glasses of water and  
induce vomiting by touching back of throat with finger.  
Repeat until vomit fluid is clear. Do not induce vomiting or  
give anything by mouth to an unconscious person.  
**IF INHALED:** Remove patient to fresh air. Apply  
artificial respiration if indicated. Seek medical attention.  
**IF ON SKIN:** Remove contaminated clothing and wash  
affected skin areas with plenty of soap and water. Seek  
medical attention if irritation persists.  
**IF IN EYES:** Immediately flush with plenty of water.  
Seek medical attention if irritation persists.  
**MEDICAL CONDITIONS GENERALLY AGGRA-  
VATED BY EXPOSURE:** None known.

**SECTION 5: REACTIVITY DATA****STABILITY:** Stable.**HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition in open flame will result in possible toxic substances.

**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. Absorb spillage with sand or other inert material. Sweep or scoop up and remove. Then flush with water.**EMERGENCY TELEPHONE NUMBER OF****CHEMTREC:** (800) 424-9300

(for transportation spills)

**WASTE DISPOSAL METHOD:** Container is not refillable. Do not puncture or incinerate. Replace cap, wrap in several layers of newspaper and discard.**SECTION 7: SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION:** None required.

Avoid breathing spray mist. For extended inhalation, wear respirator jointly approved by the Mining Enforcement and Safety Administration and by NIOSH under Provision CFR Part 11 (eleven).

**VENTILATION: LOCAL EXHAUST:** None required.**MECHANICAL:** None required. **SPECIAL:** Nonerequired. **OTHER:** Ventilate area after treatment.**PROTECTIVE GLOVES:** None required.**EYE PROTECTION:** None required.**OTHER PROTECTIVE EQUIPMENT:** None required.**SECTION 8: SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep out of reach of children. Contents under pressure. Do not puncture. Do not store near heat or open flame. Do not store below 32°F or above 130°F (may cause bursting).**OTHER PRECAUTIONS:** Wash thoroughly after using. Avoid contamination of food, utensils and food preparation areas. Remove pets, birds and cover or remove aquariums before use. Ventilate area after treatment is completed. Keep out of lakes, streams and ponds. PT\* 1600A is toxic to fish.**SECTION 9: HEALTH RATING INFORMATION (NFPA)**

HEALTH - 1

FLAMMABILITY - 1

REACTIVITY - 1

**SECTION 10: SARA TITLE III/SECTION 313 SUPPLIER NOTIFICATION**

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372:

CAS#      CHEMICAL NAME      % BY WEIGHTTHIS PRODUCT CONTAINS NO  
SECTION 313 CHEMICALS**SECTION 11: DOT SHIPPING INFORMATION****PROPER SHIPPING NAME:** Consumer Commodity**HAZARD CLASS:** ORM-D

NA - Not Applicable

NE - Not Established

PEL - Permissible Exposure Limit

ACL - Acceptable Ceiling Level

MPC - Maximum Peak Concentration

X-Clude® PT\* 1600A

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Revised: 7/12/94