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**MATERIAL SAFETY DATA SHEET**

WHITMIRE RESEARCH LABORATORIES, INC.  
 3568 TREE COURT INDUSTRIAL BLVD.  
 ST. LOUIS, MO 63122  
 EFFECTIVE DATE: JUNE 23, 1992

**WHITMIRE**  
**PT® 515 Wasp-Freeze®**  
**Wasp and Hornet Killer**

(314) 225-5371 (8:00 a.m. to 5:00  
 (314) 576-0120 AFTE  
 EMERGENCY PHONE  
 (800) 424-9300 CH

**PRESSURIZED LIQUID INSECTICIDE**

**EPA REG. NO.**

**SECTION 1: HAZARDOUS INGREDIENTS**

	ACGIH TLV/TWA	ACGIH STEL	OSHA PEL
Solvents & Propellants: 99.74%			
Isoparaffinic Petroleum Solvent: CAS #64742-48-9	NE	NE	500ppm
Carbon Dioxide: CAS #124-38-9	5000ppm	30000ppm	5000ppm
Phenothrin: 0.120% CAS #26002-80-2	NE	NE	N
[3-phenoxybenzyl d-cis and trans 2,2-dimethyl-3-(2-methylpropenyl) cyclopropane carboxylate]			
D-Trans Allethrin: 0.129% CAS #28057-48-9	5mg/M <sup>3</sup>	NE	N

**SECTION 2: PHYSICAL DATA**

<b>BOILING POINT:</b> NA	<b>VAPOR DENSITY:</b> NA
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b> 0.800	<b>EVAPORATION RATE:</b> NA
<b>VAPOR PRESSURE IN AEROSOL CONTAINER:</b> 100 psig @ 70°F	<b>SOLUBILITY IN WATER:</b> Negligible
<b>PERCENT VOLATILE:</b> ~100%	<b>APPEARANCE AND ODOR:</b> Pale yellow color solvent odor.

**SECTION 3: FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT:</b> 144°F (TCC) (Aerosol Concentrate)	<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> required.
<b>FLAMMABLE LIMITS:</b> NA	<b>UNUSUAL FIRE AND EXPLOSION HAZARD:</b> Contents under pressure. Exposure to temperature 130°F may cause bursting.
<b>NFPA 30B FLAMMABILITY:</b> Level III Aerosol	
<b>EXTINGUISHING MEDIA:</b> CO <sub>2</sub> ; Dry Chemical; Foam	

**SECTION 4: HEALTH HAZARD DATA**

<b>THRESHOLD LIMIT VALUE:</b> NE (not really applicable - for outdoor use only)	<b>CARCINOGENICITY:</b> NTP? IARC MONOGRAPH? OSHA REG?						
<b>ROUTES OF ENTRY:</b> <table border="0"> <tr> <td>INHALATION?</td> <td>SKIN?</td> <td>INGESTION?</td> </tr> <tr> <td>Secondary</td> <td>Primary</td> <td>Tertiary</td> </tr> </table>	INHALATION?	SKIN?	INGESTION?	Secondary	Primary	Tertiary	No No No
INHALATION?	SKIN?	INGESTION?					
Secondary	Primary	Tertiary					
<b>HEALTH HAZARD (ACUTE AND CHRONIC) - SIGNS AND SYMPTOMS OF EXPOSURE:</b> <b>EYE:</b> May cause eye irritation. <b>SKIN:</b> Prolonged exposure may cause skin irritation and dermatitis. <b>INGESTION &amp; INHALATION:</b> Unlikely due to the product being pressurized and producing particles large enough not to be respirable. High concentrations of the isoparaffinic petroleum solvent (greater than 1000ppm) may cause headache and dizziness, are anesthetic, and may have other central nervous system effects. When used according to label directions, this level will not be attained.	<b>EMERGENCY AND FIRST AID PROCEDURES:</b> <b>IF SWALLOWED:</b> Call a physician or poison center immediately. Gastric lavage is indicated. Do not induce vomiting. Vomiting may cause aspiration pneumonia. <b>IF INHALED:</b> Remove patient to fresh air. Artificial respiration if indicated. Seek medical attention. <b>IF ON SKIN:</b> Remove contaminated clothing; wash affected skin areas with plenty of soap and water. Seek medical attention if irritation persists. <b>IF IN EYES:</b> Flush with plenty of water. Seek medical attention if irritation persists. <b>MEDICAL CONDITIONS GENERALLY AFFECTED BY EXPOSURE:</b> None known.						

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To	Lila Albin		From	Elden	
Company	Purdue Univ.		Co.	Whitmire	

**SECTION 5: REACTIVITY DATA**

**STABILITY:** Indefinite when used according to label directions.

**CONDITIONS TO AVOID:** Do not spray into open flame or onto very hot surfaces. Do not store above 130°F.

**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 well ventilated area, then dispose of in safe place.

**EMERGENCY TELEPHONE NUMBER OF**

**CHEMTREC:** (800) 424-9300

(for transportation spills)

**WASTE DISPOSAL METHOD:** Aerosol container is not refillable. Do not attempt to recharge. When container is empty, discard in safe place. Do not puncture or throw into fire.

**SECTION 7: SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** None required.  
**VENTILATION:** For outdoor use only. **LOCAL EXHAUST:** NA. **MECHANICAL:** NA. **SPECIAL:** NA. **OTHER:** NA

**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:** Contains concentrated insecticide under pressure. Do not expose to temperatures above 130°F.

**OTHER PRECAUTIONS:** For outdoor use only.

**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 WEIGHT
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This 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  
AEL - Acceptable Exposure Limit

PREPARED BY: Michael G. Sarli  
Revised: 5/10/94