



P/N 19-1700-B

**MATERIAL SAFETY DATA SHEET**

WHITMIRE RESEARCH LABORATORIES, INC.  
3568 TREE COURT IND. BLVD.  
ST. LOUIS, MO 63122  
EFFECTIVE DATE: FEBRUARY 14, 1994

**WHITMIRE**  
**PT® 1700 Methiocarb**  
Total Release Insecticide  
Aerosol Generator

(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

TOTAL RELEASE AEROSOL INSECTICIDE

EPA REG. NO.: 499-276

**SECTION 1: HAZARDOUS INGREDIENTS**

Solvents & Propellants: 99.0%  
Propane: CAS #74-98-6  
1,1,1 Trichloroethane: CAS #71-55-6  
Isopropanol: CAS #67-63-0  
Methiocarb: 1.0% CAS #2032-65-7  
(3,5-dimethyl-4-(methylthio) phenol methylcarbamate

ACGIH  
TLV/TWA  
NE  
350ppm  
400ppm  
NE

ACGIH  
STEL  
NE  
450ppm  
500ppm  
NE

OSHA  
PEL  
1000ppm  
350ppm  
400ppm  
NE

**SECTION 2: PHYSICAL DATA**

BOILING POINT: NA  
SPECIFIC GRAVITY: (H<sub>2</sub>O = 1): 1.19  
VAPOR PRESSURE IN AEROSOL CONTAINER:  
65 psig @ 70°F  
PERCENT VOLATILE: 99.0%

VAPOR DENSITY: NA  
EVAPORATION RATE: NA  
SOLUBILITY IN WATER: Insoluble  
APPEARANCE AND ODOR: Sprays as a strong, dry  
mist with slight odor.

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

FLASH POINT: None (FIFRA Method 807.3) (Aerosol  
Concentrate)  
NFPA 30B FLAMMABILITY: Level I Aerosol  
FLAMMABLE LIMITS: NA  
EXTINGUISHING MEDIA: CO<sub>2</sub>; 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: NE  
ROUTES OF ENTRY:  
INHALATION? SKIN? INGESTION?  
Secondary Primary Tertiary  
HEALTH HAZARD (ACUTE AND CHRONIC) -  
SIGNS AND SYMPTOMS OF EXPOSURE:  
EYE: Corrosive, causes eye damage.  
SKIN: Prolonged exposure may cause skin irritation.  
Primary skin irritation index (rabbits) = 0.00. Acute  
Dermal 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. Minimal anesthetic or nar-  
cotic effects may be seen in the range of 500 to 1000ppm  
1,1,1 trichloroethane. When used according to label  
directions, this level will not be attained. Acute Oral LD<sub>50</sub>  
= 900 mg/kg (rats).  
SIGNS OF CHOLINESTERASE DEPRESSION:  
Discomfort or tightness in chest, difficulty in breathing,  
stomach pains, nausea, vomiting, diarrhea, cramps,  
headache, nervousness, weakness, nonactive pinpoint  
pupils or blurred vision. Symptoms may not occur until 1-  
8 hours after exposure.

CARCINOGENICITY:  
NTP? IARC MONOGRAPH? OSHA REGULATED?  
No No No  
EMERGENCY AND FIRST AID PROCEDURES:  
IF SWALLOWED: Call a physician or poison control  
center immediately. Gastric lavage is indicated. Do not  
induce vomiting. Vomiting may cause aspiration pneumo-  
nia.  
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.  
NOTE TO PHYSICIAN: If symptoms of cholinesterase  
inhibition are present, Atropine Sulfate is antidotal.  
MEDICAL CONDITIONS GENERALLY AGGRA-  
VATED BY EXPOSURE: None known.

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**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.

**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 of in a safe place. In case of spillage on skin, wash thoroughly with soap and water.

**EMERGENCY TELEPHONE NUMBER OF**

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

(for transportation spills)

**WASTE DISPOSAL METHOD:** Aerosol cylinder is not refillable. Do not attempt to recharge. When cylinder is exhausted, discard in a safe place. Do not throw into fire.

**SECTION 7: SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** Applicators and other handlers must wear a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH Approval Number Prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH Approval Number Prefix TC-14G).

**VENTILATION: LOCAL EXHAUST:** None required.

**MECHANICAL:** None required. **SPECIAL:** None required. **OTHER:** Provide ventilation after treatment before entering.

**PROTECTIVE GLOVES:** Applicators and other handlers and early reentry require chemical-resistant gloves such as Barrier Laminate or Viton  $\geq$  14 mils.

**EYE PROTECTION:** Applicators and other handlers and early reentry require protective eyewear such as goggles, face shield or safety glasses.

**OTHER PROTECTIVE EQUIPMENT:** Applicators and other handlers must also wear long-sleeved shirt and long pants, and shoes plus socks. Early reentry calls for coveralls and shoes plus socks.

**SECTION 8: SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Contains concentrated insecticide under pressure. Therefore, do not expose to temperatures above 130°F.

**OTHER PRECAUTIONS:** Do not enter treated areas for 24 hours after application unless protective clothing is worn (see above).

**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
71-55-6	1,1,1-Trichloroethane	67%

**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

PT# 1700 Methiocarb  
Prepared By: Michael G. Sar  
Revised: 7/12/9