



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	ACGIH	OSHA
TLV/TWA	STEL	PEL
NE	NE	1000ppm
350ppm	450ppm	350ppm
400ppm	500ppm	400ppm
NE	NE	NE

SECTION 2: PHYSICAL DATA

BOILING POINT: NA
SPECIFIC GRAVITY: (H₂O = 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: 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: 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 LD₅₀ > 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 1000 ppm
1,1,1 trichloroethane. When used according to label
directions, this level will not be attained. Acute Oral LD₅₀
= 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, nonreactive 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 CHEMTRAC: (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
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