

MATERIAL SAFETY DATA SHEET

WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
3568 TREE COURT IND. BLVD.
ST. LOUIS, MO 63122
EFFECTIVE DATE: APRIL 4, 2000

Prescription Treatment® brand

(800) 777-8570 (8:00 A.M. to 4:30 P.M. CST)

INTERN™

EMERGENCY PHONE NUMBERS:

Crack & Crevice® Pressurized Residual
Formula 1

MEDICAL: (800) 225-3320 PROSAR

TRANSPORTATION: (800) 424-9300 CHEMTREC

EPA REG. NO.: 499-413

SECTION 1: HAZARDOUS INGREDIENTS

Active Ingredients:	ACGIH TLV/TWA	ACGIH STEL	OSHA PEL	ACHIH TLV/TWA SKIN
Chlorpyrifos: 0.5% [0,0-diethyl0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]: (CAS #2921-88-2)	5mg/m ³	10mg/m ³	NE	0.2mg/m ³

Inert Ingredients: 99.5%

All components of this product are listed or excluded from listing on the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SECTION 2: PHYSICAL DATA

Boiling Point: NA	Evaporation Rate: NA
Specific Gravity (H₂O = 1): ~0.78g/ml @ 20°C	Freezing Point: NA
pH: NA	Solubility in Water: Insoluble
Vapor Pressure: 110 psig	Appearance and Odor: Sprays as a coarse spray with characteristic chlorpyrifos/solvent odor.
Percent Volatile: 99.5%	
Vapor Density: NE	

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flashpoint: 200°F (TCC); **Flame Extension > 18"** (CSMA Flame Projection Test)
Flammable Limits: NE
NFPA 30B Flammability: Level 3 Aerosol
Extinguishing Media: CO₂; Dry Chemical; Foam
Special Firefighting 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: Product produced slight reversible conjunctival irritation in rabbits. No corneal opacity or iritis was observed.

Skin: Prolonged exposure may cause skin irritation. Excessive exposure may produce signs of cholinesterase depression (see below). Acute dermal toxicity - LD₅₀ > 2,000mg/kg (rabbits). Does not appear to be a dermal sensitizer to guinea pigs. Primary Skin Irritation = 0.50 (rabbits).
Ingestion & Inhalation: Unlikely due to the product being pressurized and producing particles large enough not to be respirable. Excessive exposure may produce signs of cholinesterase depression. Acute oral toxicity - LD₅₀ > 5,000mg/kg. (rats); Acute inhalation toxicity - LC₅₀ > 5.7 mg/l (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 pneumonia.

If Inhaled: Remove patient to fresh air. Apply artificial respiration if indicated.

If on Skin: Remove contaminated clothing and wash affected 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.

Note to Physician: If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Medical Conditions Generally Aggravated by Exposure: None known.

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.

Incompatibility (Materials to Avoid): May react with strong acids or strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition in open flame will result in carbon dioxide and carbon monoxide.

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 to discharge completely in well ventilated area, then dispose in safe place. In case of spillage on skin, wash thoroughly with soap and water. Consult a physician immediately if illness occurs.

Emergency Telephone Number of Chemtrec: (800) 424-9300
(for transportation spills)

Waste Disposal Method: Do not contaminate water, food or feed by disposal. *Pesticide Disposal:* Waste resulting from use of this product may be disposed of on site or at an approved waste disposal facility. *Container Disposal:* Replace cap and discard empty container in trash, sanitary landfill, or by other approved state and local procedures. Do not puncture or incinerate. In case of spillage, this product is subject to reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

SECTION 7: SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required if used according to label directions. Avoid breathing spray mist. If exposure guidelines are exceeded, use an approved air purifying respirator.

Ventilation:

Local Exhaust: None required. **Mechanical:** Provide adequate ventilation of treatment area.

Special: None required. **Other:** None required.

Protective Gloves: None required - avoid contact with skin.

Eye Protection: None required - avoid contact with eyes.

Other Protective Equipment: None required.

SECTION 8: SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: *Hazards to Humans and Domestic Animals:* CAUTION - Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. *Environmental Hazards:* This product is toxic to fish, birds and other wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Apply this product only as specified on its label. Spray will damage plant foliage. *Physical or Chemical Hazards:* Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Exposure to temperatures above 130°F may cause bursting. Do not spray on plastic, painted or varnished surfaces. Do not spray directly into any electronic equipment such as radios, televisions, computers, etc. *Storage:* Store in a cool, dry area away from heat or open flame and inaccessible to children. Do not contaminate water, food or feed by storage.

SECTION 9: HEALTH RATING INFORMATION (NFPA)

Health - 1 Flammability - 2 Reactivity - 1

SECTION 10: SARA TITLE III/SEC. 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
	This product contains no Section 313 chemicals.	

SECTION 11: DOT SHIPPING INFORMATION

Proper Shipping Name: Compressed Gases, Flammable, NOS (Isopar M)

Hazard Class: 2.1

I.D. #: UN 1954

NA - Not Applicable

NE - Not Established

PEL - Permissible Exposure Limit

ACL - Acceptable Ceiling Level

MPC - Maximum Peak Concentration

Product Code: 02-0278-2 (11 lb.)

Prepared by: Dana M. Thomas

