

# MATERIAL SAFETY DATA SHEET

WHITMIRE MICRO-GEN  
RESEARCH LABORATORIES, INC.  
3568 TREE COURT IND. BLVD.  
ST. LOUIS, MO 63122  
EFFECTIVE DATE: JANUARY 25, 2001

Prescription Treatment® brand  
**CY-KICK™**  
Crack & Crevice® Pressurized Residual

(800) 777-8570 (8:00 A.M. to 4:30 P.M. CST)  
EMERGENCY PHONE NUMBERS:  
MEDICAL: (800) 225-3320 PROSAR  
TRANSPORTATION: (800) 424-9300 CHEMTREC  
EPA REG. NO.: 499-470

## SECTION 1: HAZARDOUS INGREDIENTS

Active Ingredients:	ACGIH TLV/TWA	ACGIH STEL	OSHA PEL	OTHER
Cyfluthrin: 0.1% (CAS #68359-37-5)	NE	NE	NE	
<b>OTHER INGREDIENTS:</b> 99.9%				
Petroleum Distillate: (CAS #64742-47-8)	NE	NE	500ppm	*166ppm TWA

\*Supplier recommended occupational exposure limits based on total hydrocarbon.  
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

**Specific Gravity (H<sub>2</sub>O = 1):** ~0.79  
**Vapor Pressure in Aerosol Can:** 100  
**Percent Volatile:** ~99.9%  
**Density:** ~0.79g/ml @ 20°C  
**Evaporation Rate:** < 1 (n-Bu Ac = 100)

**Solubility in Water:** Not miscible.  
**pH:** NA  
**Appearance and Odor:** Sprays as a coarse, clear spray with low odor.

## SECTION 3: FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** 198°F (TCC)  
**Flammable Limits:** NE  
**NFPA 30B Flammability:** Level 3 Aerosol  
**Extinguishing Media:** CO<sub>2</sub>; 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 may produce eye irritation. Avoid contact with eyes.  
**Skin:** Prolonged exposure may cause skin irritation. Does not appear to be a dermal sensitizer to guinea pigs. Acute Dermal LD<sub>50</sub> > 2,000mg/k (rabbits). Primary Irritation Index = 0.33 (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> > 5,000mg/kg.; Acute Inhalation Toxicity - LC<sub>50</sub> > 6.53 mg/l.  
**Carcinogenicity:**

NTP?	IARC Monograph?	OSHA Regulated?
No	No	No

**Emergency and First Aid Procedures:**  
**If Swallowed:** Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.  
**If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.  
**If on Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.  
**If in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.  
**Note to Physician:** No specific antidote is available. Treat the patient symptomatically.  
**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.  
**Emergency Telephone Number of Chemtrec:** (800) 424-9300  
(for transportation spills)

**Waste Disposal Method:** *Pesticide Disposal:* Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by disposal. *Container Disposal:* This container may be recycled in aerosol recycling centers. At present, there are only a few such centers in the country. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE!). If recycling is not available, replace cap and discard container in trash, sanitary landfill or by other approved state and local procedures. Do not incinerate or puncture.  
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:** Keep out of reach of children. *Hazards to Humans and Domestic Animals:* CAUTION - Harmful if absorbed through skin. Causes moderate eye irritation. 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. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Apply this product only as specified on the label. Spray will damage plant foliage. *Physical or Chemical Hazards:* Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Do not use or store near heat or 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 disposal.

## 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 exceeding the de minimis concentration levels.		

## SECTION 11: DOT SHIPPING INFORMATION

**12 x 17.5 oz. Container**  
**Proper Shipping Name:** Consumer Commodity    **Hazard Class:** ORM-D

**1 x 11 lb. Cylinder**  
**Proper Shipping Name:** Compressed Gas, Flammable, N.O.S. (Isoparaffinic Solvent)  
**Hazard Class:** 2.1    **UN I.D. No:** UN 1954

NA - Not Applicable    **Product Code:** 02-0198 (12 x 17.5 oz.)  
NE - Not Established    02-0199 (1 x 11 lb.)  
PEL - Permissible Exposure Limit    **Prepared by:** Dana M. Thomas  
ACL - Acceptable Ceiling Level  
MPC - Maximum Peak Concentration    Supersedes P/N 19-0724 dated 10/28/98.



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.