

MATERIAL SAFETY DATA SHEET

Prescription Treatment® brand Cy-Kick® CS Pressurized Crack & Crevice® Residual

EMERGENCY PHONE NUMBERS:

MEDICAL: 800-225-3320 (Prosar)

TRANSPORTATION: 800-424-9300 (Chemtrec)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Prescription Treatment® brand Cy-Kick® CS Pressurized Crack & Crevice® Residual
EPA Reg. No.: 499-303
Product Code(s): 02-0606 (12 x 20 oz)
EPA Signal Word: CAUTION
Distributed by: Whitmire Micro-Gen Research Laboratories, Inc.
 3568 Tree Court Industrial Blvd.
 St. Louis MO 63122-6682

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION INFORMATION

ACTIVE INGREDIENT (0.1%)	%	CAS NO.
Cyfluthrin	0.1	68359-37-5
OTHER INGREDIENTS* (99.9%)	%	CAS NO.
Petroleum Distillate	> 10.0	64742-47-8
Hydrocarbons C3-C4	proprietary	68476-40-4

* All ingredients may not be listed. Ingredients not listed do not meet the reporting requirements of the OSHA Hazard Communication Standard (HCS) as specified in 29 CFR 1910.1200.

EXPOSURE INFORMATION

MATERIAL	OSHA PEL		ACGIH TLV	
	STEL	TWA	STEL	TWA
Cyfluthrin	NE	NE	NE	NE
Petroleum Distillate*	NE	500 ppm	NE	NE
Hydrocarbons C3-C4	NE	NE	NE	1,000 ppm

* TWA recommended by ingredient supplier = 166 ppm

SECTION 3. HAZARDS IDENTIFICATION

NOTES TO PHYSICIAN

Contains petroleum distillate - vomiting may cause aspiration pneumonia. No specific antidote is available. Treat the patient symptomatically.

SIGNS/SYMPTOMS OF EXPOSURE

May cause eye irritation. Encapsulation greatly reduces the toxicity and irritation potential of the active ingredient.

ROUTES OF ENTRY

Primary: Skin **Secondary:** Inhalation **Tertiary:** Ingestion

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame may result in possible toxic substances, such as carbon monoxide and carbon dioxide.

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

SECTION 4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor or going for treatment. Describe any symptoms and follow the advice given.

Eye Contact: Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Ingestion: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

Skin Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. Call a poison control center or doctor for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: This product contains petroleum distillate. Do not induce vomiting. Vomiting may pose an aspiration pneumonia hazard.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency Telephone Number of Prosar: 800-225-3320 (for medical emergencies)

SECTION 5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION

Flash Point (TCC): None (concentrate)

Flame Projection: None

Explosibility Limits of propellant in Air (% by volume):

Lower (LEL) = 1.8% Upper (UEL) = 9.5%

NFPA 308 Flammability: Level 1 Aerosol

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

IN CASE OF FIRE

Extinguisher Media: Carbon Dioxide, Dry Chemical, Foam, Water

Special Fire Fighting Procedures: Fire fighting personnel should wear full protective equipment and positive pressure self-contained breathing apparatus (SCBA) approved for firefighting.

SECTION 6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR LEAK

If container begins to leak (through puncture, etc.), eliminate all ignition sources and allow to discharge completely in well ventilated area, then dispose of as directed below. This product contains no Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) listed chemicals. Releases of this product are NOT reportable to the National Response Center.

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

PROTECTIVE EQUIPMENT FOR CLEANUP PERSONNEL

Eyes: Use proper protection - safety glasses are recommended.

Skin: Wear chemical-resistant gloves. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

Inhalation: Use of a respirator may be appropriate when working with spills in enclosed or confined spaces, or when prolonged exposure to product vapor or spray mist may occur. When using a respirator, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter. See 29 CFR 1910.134 for respiratory protection, training and testing requirements.

WASTE DISPOSAL METHOD

Do not contaminate water, food or feed by storage or disposal of wastes. Take full or leaking containers to a local disposal company for biological treatment or incineration. Review all local, state and federal regulations concerning health and pollution to determine approved disposal procedures. NEVER PLACE WASTES DOWN ANY INDOOR OR OUTDOOR DRAIN OR SEWER.

SECTION 7. HANDLING AND STORAGE

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. **CAUTION** - Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

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 directly into any electronic equipment such as radios, televisions, computers, etc. Do not spray where electrical short circuits might result, such as in wall outlets, conduits, motors, switches, etc. Product should only be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached.

OTHER PRECAUTIONS

Avoid contamination of food, utensils, and food preparation areas. Keep children and pets off treated areas until spray has dried. Do not use in classrooms while in use. Do not use in rooms while occupied by the elderly or infirm.

STORAGE

Do not contaminate water, food or feed. Store in a cool, dry area away from heat or open flame, and inaccessible to children.

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SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Respiratory Protection: None required when used according to label directions.
Protective Gloves: Chemical-resistant gloves are recommended if prolonged or repeated skin contact is likely. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)
Eye Protection: Use proper protection – safety glasses are recommended.
Other Protective Equipment: None required

VENTILATION

Local Exhaust: None required
Mechanical: None required
Special: None required
Other: Provide adequate ventilation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white liquid
Solubility in Water: Disperses
Viscosity: NE
Boiling Point: NE
pH: 7.5 - 8.5 (1% in H₂O)
Odor: Characteristic cyfluthrin odor
Vapor Pressure: 50 psig @ 70°F
Vapor Density: NE
Freezing/Melting Point: NE
Density: 0.96 g/cm³ @ 68°F (H₂O = 1)

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: Indefinite when stored and used according to label directions.
Conditions to Avoid: Heat, sparks, open flame
Incompatibility (Material to Avoid): Strong oxidizers
Hazardous Polymerization: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in possible toxic substances, such as carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY

Primary: Skin **Secondary:** Inhalation **Tertiary:** Ingestion

ACUTE

Eyes: May cause irritation. Product produced mild conjunctival irritation in albino rabbit eyes, reversible in 7 days. No corneal opacity or iritis was observed.
Ingestion: Acute oral toxicity LD₅₀ > 5,000 mg/kg (rats).
Skin: Product is not a skin irritant to albino rabbits. Acute dermal toxicity LD₅₀ > 2,000 mg/kg (rabbits). Primary skin irritation index = 0.04 (rabbits). Product is not a sensitizer when tested on guinea pigs.
Inhalation: Unlikely due to product being pressurized and producing particles large enough not to be respirable.

CHRONIC/CARCINOGENICITY

Neither this product nor any of its ingredients are classified as carcinogens by the National Toxicity Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

SECTION 12. ECOLOGICAL INFORMATION

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 wastes. Apply this product only as specified on the label.

SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal of container or waste. Dispose of container and waste in accordance with all federal, state and local regulations.

Container Disposal: Do not puncture or incinerate! Empty container by using the product according to the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency for disposal instructions.

Waste Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

SECTION 14. TRANSPORT INFORMATION

SHIPMENT BY GROUND WITHIN U.S. (DOT CLASSIFICATION)

Proper Shipping Description: Consumer Commodity ORM-D
Package Marking: Consumer Commodity ORM-D
Package Labeling: None required
Certified Packaging: None required

Product in unopened original packaging is compliant with all regulations for ground shipment within the U.S. WMG disclaims any liability for claims or damages that may result from shipment by other means. Packages offered or intended for other modes of transportation are subject to additional requirements. Consult an appropriately trained Shipping Professional before offering for shipment.

SECTION 15. REGULATORY INFORMATION

CERCLA

This product contains no CERCLA listed chemicals.

SARA TITLE III SECTIONS 311/312 HAZARD CLASS

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate (Acute) Health Hazard
Fire Hazard
Release of Pressure (Puncture) Hazard

SARA TITLE III SECTION 313 CHEMICALS

This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

TSCA

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

SECTION 16. OTHER INFORMATION

NFPA HEALTH RATING INFORMATION

HEALTH - 1 FLAMMABILITY - 2 INSTABILITY - 1

HMS HAZARD RATING INFORMATION

HEALTH - 1 FLAMMABILITY - 2 PHYSICAL HAZARD - 0

KEY:	4 = Severe
	3 = Serious
	2 = Moderate
	1 = Slight
	0 = Minimal

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

Questions concerning the safe handling of the product should be referred to the Whitmire Micro-Gen Customer Service Department at 800-777-8570.

NA - Not Applicable
NE - Not Established
PEL - Permissible Exposure Limit
TLV - Threshold Limit Value
STEL - Short Term Exposure Limit (15 min)
TWA - Time Weighted Average (8 hr)



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.

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