M A T E R I A L S A F E T Y D A T A S H E E T

PRESCRIPTION TREATMENT® brand CY-KICK® Crack & Crevice® Pressurized 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® Crack & Crevice® Pressurized Residual
EPA Reg. No.: 499-470
Product Code(s): 02-0198 (12 x 17.5 oz.)
02-0199 (1 x 11 lbs.)
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 INGREDIENTS (0.1%)	%	CAS NO.
Cyfluthrin	0.1%	68359-37-5
OTHER INGREDIENTS* (99.9%)	**%**	**CAS NO.**
Petroleum Distillate	> 10%	64742-47-8

* 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

	OSHA PEL		ACGIH TLV	
Material	**STEL**	**TWA**	**STEL**	**TWA**
Cyfluthrin	NE	NE	NE	NE
Petroleum Distillate*	500 ppm	NE	NE	NE

* 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
Product may produce eye irritation. Prolonged exposure may cause skin irritation.

ROUTES OF ENTRY
Primary: Skin **Secondary:** Inhalation **Tertiary:** Ingestion

HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition in open flame will result in carbon dioxide and carbon monoxide.

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.

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.
Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
Skin Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Eye Contact: Hold eyes open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
Note to Physician: Contains petroleum distillate - vomiting may cause aspiration pneumonia. No specific antidote is available. Treat the patient symptomatically.
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): 198° F
Explodibility Limits in Air (% by volume):
Lower (LEL) = NE Upper (UEL) = NE
NFPA 30B Flammability: Level 3 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: CO_2, Dry Chemical, Foam
Special Fire Fighting Procedures: None

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, P or HE prefilter.

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. 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.

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
Do not contaminate water, food or feed. Store in a cool, dry area inaccessible to children.

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 amount 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.

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VENTILATION

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Sprays as a coarse clear spray.
Solubility in Water: Not miscible.
Viscosity: NE
Boiling Point: NE
pH: NE
Odor: Low odor.
Vapor Pressure: 100 psig @ 70°F
Vapor Density: NE
Freezing/Melting Point: NE
Density: 0.79 g/ml @ 20° C

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: Stable
Conditions to Avoid: Do not spray into open flame or onto very hot surfaces.
Incompatibility (Material to Avoid): May react with strong acids or strong oxidizing agents.
Hazardous Polymerization: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in carbon dioxide and carbon monoxide.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY

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

ACUTE

Eyes: Product may cause 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_{50} > 2,000 mg/kg (rabbits). Primary Irritation Index = 0.33 (rabbits).
Ingestion: Acute oral LD_{50} > 5,000 mg/kg (rats).
Inhalation: Unlikely due to the product being pressurized and producing particles large enough not to be respirable. Acute inhalation LC_{50} > 6.53 mg/L (rats).

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 equipment washwaters. Apply this product only as specified on the label. Spray will damage plant foliage.

SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal of container or wastes. Dispose of container and wastes 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 or call 1-800-CLEANUP 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

17.5 OZ. CONTAINER – SHIPMENT BY GROUND WITHIN U.S. (DOT CLASSIFICATION)

Proper Shipping Description: Consumer Commodity, ORM-D
Package Marking: "Consumer Commodity, ORM-D"
Package Labeling: No label required.
Certified Packaging: Not required.

17.5 OZ. CONTAINER – SHIPMENT BY WATER (IMDG CLASSIFICATION)

Proper Shipping Description: Dangerous Goods in Limited Quantities of Class 2.1
Package Marking: "Dangerous Goods in Limited Quantities of Class 2.1"
Package Labeling: No label required.
Certified Packaging: Not required.

17.5 OZ. CONTAINER – SHIPMENT BY AIR (ICAO / IATA CLASSIFICATION)

Proper Shipping Description: Aerosols, Flammable, 2.1, UN 1950
Package Marking: "Aerosols, UN 1950, LTD. QTY."
Package Labeling: Label as "Flammable Gas" (class 2).
Certified Packaging: Not required.
Other Requirements or Instructions: Complete air bill with packing instruction "Y203, ERG code 10L".

11 LB. CYLINDER – ALL MODES OF TRANSPORT

Proper Shipping Description: Compressed Gas, Flammable, NOS (Isoparaffinic Solvent), 2.1, UN 1954
Package Marking: "Compressed Gas, Flammable, NOS (Isoparaffinic Solvent), 2.1, UN 1954"
Package Labeling: No label required.
Certified Packaging: Cylinder must meet the requirements of 49 CFR 178.35. When shipping by water, cylinder must also meet special packing provisions in IMDG chapter 4.1.6.
Other Requirements or Instructions: Complete air bill with packing instruction "200, ERG code 10L".
WARNING: CANNOT SHIP THIS PRODUCT ON PASSENGER AIRCRAFT – CARGO ONLY!

SECTION 15. REGULATORY INFORMATION

CERCLA

This product contains no CERCLA listed chemicals.

SARA TITLE III SECTION 311/312 HAZARD CLASS

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 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:

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 deminimus 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 REACTIVITY - 1

HMIS HAZARD RATING INFORMATION

HEALTH - 1 FLAMMABILITY - 2 REACTIVITY - 1

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 hrs)

WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.

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