

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.)
02-0606-1 (12 x 8 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

ACTIVE INGREDIENTS (0.1%)	%	CAS NO.
Cyfluthrin	0.1%	68359-37-5

OTHER INGREDIENTS (99.9%)	%	CAS NO.
Petroleum Distillate	> 10%	64742-47-8

EXPOSURE INFORMATION

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

SECTION 3. HAZARDS IDENTIFICATION

NOTE TO PHYSICIAN

This product contains petroleum distillates. Do not induce vomiting. Vomiting may pose an aspiration pneumonia hazard.

SIGNS/SYMPTOMS OF EXPOSURE

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

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in possible toxic substances.

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 eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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 minutes. 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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

Medical Conditions Generally Aggravated by Exposure: None known.

SECTION 5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION

Flash Point (TCC): none (concentrate)

Flame Extension: 0"

Explosive Limits of Propellant in Air (% by volume):

Lower (LEL) = 2.37% Upper (UEL) = 7.5%

NFPA 30B 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: CO₂, Dry Chemical, Foam, H₂O

Special Fire Fighting Procedures: None required - water based formulation.

SECTION 6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR LEAK

If container begins to leak (through puncture, etc.), 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

Eyes: Use proper protection - safety glasses as a minimum.

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: If working in enclosed spaces, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter.

WASTE DISPOSAL METHOD

Full or leaking containers should be taken to a local disposal company for biological treatment or incineration. Whitmire Micro-Gen suggests that all Local, State, and Federal regulations concerning health and pollution be reviewed to determine approved disposal procedures. Do not contaminate water, food or feed by storage or disposal.

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.

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 by storage or disposal. Store in a cool area away from heat or open flame. 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 60° F is reached.

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SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Respiratory Protection: None required. For prolonged exposure, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter may be used.

Protective Gloves: None required. If prolonged or repeated skin contact is likely, chemical resistant gloves are recommended. (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: None required. Safety glasses or goggles are recommended.

Other Protective Equipment: None required.

VENTILATION

Local Exhaust: None required.

Mechanical: Provide adequate ventilation of treatment area.

Special: None Required

Other: None Required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Sprays as strong mist.

Odor: Low (most people will not detect)

Solubility of Concentrate in Water: Disperses.

Vapor Pressure: 50 psig @ 70° F.

Viscosity: NE

Vapor Density: NE

Boiling Point: NE

Freezing/Melting Point: NE

pH: 7.5-8.5 (1% solution of concentrate in water.)

Specific Gravity: 0.96 g/ml (conc.) (H₂O = 1.0)

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: Stable under normal use conditions.

Conditions to Avoid: Do not spray into open flame or onto very hot surfaces.

Incompatibility (Material to Avoid): None known.

Hazardous Polymerization: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in possible toxic substances.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE

Eyes: May cause irritation. Product produced mild conjunctival irritation in albino rabbit eyes, reversible in 7 days. No corneal opacity or iritis was noted during observation.

Skin: Product is not a skin irritant for albino rabbits. Acute dermal LD₅₀ > 2,000 mg/kg. Primary skin irritation index = 0.04 in albino rabbits.

Ingestion: Oral LD₅₀ > 5,000 mg/kg. Encapsulation greatly reduces the toxicity and irritation potential of the active ingredient.

Inhalation: When sprayed, product produces particle size larger than considered 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 of disposal of wastes. Apply this product only as specified on this label.

SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal.

Container Disposal: Dispose of container in accordance with all Federal, state and local regulations. If steel aerosol can recycling is available, this container may be recycled. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE!) If recycling is not available and if allowed by state and local regulations, wrap container and discard in trash.

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

SECTION 14. TRANSPORT INFORMATION

DOT CLASSIFICATION

Proper Shipping Name: Consumer Commodity.

DOT Hazard Class: ORM-D

INTERNATIONAL TRANSPORTATION

No information available.

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

Release of Pressure (Puncture) Hazard

SARA TITLE III SECTION 313 CHEMICALS

This product contains no Section 313 listed chemicals in concentrations above the de minimus 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 - 1

REACTIVITY - 1

KEY: 4 = Severe
3 = High
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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