

# MATERIAL SAFETY DATA SHEET

## Prescription Treatment® brand Clear Zone® Metered Pyrethrins Spray III

### EMERGENCY PHONE NUMBERS:

**MEDICAL:** 800-225-3320 (Prosar)

**TRANSPORTATION:** 800-424-9300 (Chemtrec)

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Prescription Treatment® brand Clear Zone® Metered Pyrethrins Spray III  
**EPA Reg. No.:** 499-513  
**Product Code:** 02-0533 (12 x 6.25 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 INGREDIENTS (6.0%)	%	CAS NO.
Pyrethrins	1.0	8003-34-7
Piperonyl Butoxide, Technical	5.0	51-03-6
OTHER INGREDIENTS* (94.0%)	%	CAS NO.
Petroleum Distillate	< 10.0	64742-47-8
Isopropanol	proprietary	67-63-0
1,1-Difluoroethane	proprietary	75-37-6

\* 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
Pyrethrins	NE	NE	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Piperonyl Butoxide, Technical	NE	NE	NE	NE
Petroleum Distillate*	NE	500 ppm	NE	NE
Isopropanol	NE	400 ppm	500 ppm	400 ppm
1,1-Difluoroethane	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.

#### SIGNS/SYMPTOMS OF EXPOSURE

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Prolonged or repeated contact with skin may cause allergic reaction in some individuals.

#### ROUTES OF ENTRY

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

#### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide, carbon monoxide, hydrofluoric acid, and carbonyl halides

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Contents under pressure. Exposure to temperatures above 130°F may cause bursting. Liquid run off to sewers may create a fire/explosion hazard.

### 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 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 min. Call a poison control center or doctor for treatment advice.

**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.

**Note to Physician:** Contains petroleum distillate – vomiting may cause aspiration pneumonia.

**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):** < 20°F

**Flame Projection:** 9.7" with no flashback

**Explosibility Limits of Propellant in Air (% by volume):**

Lower (LEL) = 3.9%      Upper (UEL) = 16.9%

**NFPA 30B Flammability:** Level I Aerosol

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Contents under pressure. Exposure to temperatures above 130°F may cause bursting. Liquid run off to sewers may create a fire/explosion hazard.

#### IN CASE OF FIRE

**Extinguisher Media:** CO<sub>2</sub>, Dry Chemical, Foam

**Special Fire Fighting Procedures:** Water can be used to cool fire-exposed containers. Fire fighting personnel should wear normal protective equipment and positive pressure self-contained breathing apparatus.

### 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 the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) listed chemical *Pyrethrins* which has a reportable quantity (RQ) of 1 lb. A release of more than 98 lbs of this product (approx. 250 containers) is reportable to the National Response Center (800-424-8802).

**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 swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing spray mists. Avoid contact with eyes and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Do not use in nurseries or rooms where infants, ill or aged people are confined. Large drafts of forced ventilation may reduce or eliminate the insecticidal efficacy of these installations. Do not install directly over any food handling or dispensing areas.

#### OTHER PRECAUTIONS

Do not use in nurseries or rooms where infants, ill or aged people are confined. Do not place metering device directly over or within 8 ft of exposed food, dishes, utensils, food processing equipment and food handling or preparation. Do not install within 3 ft of air vents. Carefully follow directions for the dispenser unit when installing the dispenser and replacing cans or conducting maintenance.

#### PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not allow spray to contact plastic, painted or varnished surfaces.

#### STORAGE

Do not contaminate water, food or feed. Store in a cool, dry, well ventilated 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 for typical use exposure. See Section 6 for atypical exposure.

**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:** None required

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Dispenses as spray mist

**Odor:** Typical of Pyrethrins

**Solubility in Water:** Dispersible

**Vapor Pressure:** NE

**Viscosity:** 2.88 cps @ 72°F

**Vapor Density:** NE

**Boiling Point:** NE

**Freezing/Melting Point:** NE

**pH:** 4.06 @ 73°F

**Density:** 0.822 g/cm<sup>3</sup> @ 68°F (H<sub>2</sub>O = 1.0)

### SECTION 10. STABILITY AND REACTIVITY

#### REACTIVITY

**Stability:** Indefinite when used according to label directions.

**Conditions to Avoid:** Avoid excess heat (temperatures above 130°F), fire, sparks and heated surfaces.

**Incompatibility (Material to Avoid):** Strong oxidizers, Alkali or Alkaline metals (Al or Zn)

**Hazardous Polymerization:** Will not occur

#### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide, carbon monoxide, hydrofluoric acid, and carbonyl halides

### SECTION 11. TOXICOLOGICAL INFORMATION

#### ROUTES OF ENTRY

**Primary:** Inhalation

**Secondary:** Skin

**Tertiary:** Ingestion

#### ACUTE

**Eyes:** Direct contact with eyes can cause moderate irritation.

**Skin:** Product may be harmful if absorbed through the skin.

**Ingestion:** Ingestion is not considered a likely route of exposure. Product may be harmful if taken internally.

**Inhalation:** Inhalation of product vapors may be harmful at high airborne concentrations.

Any further information concerning the toxicology of this product can be obtained by contacting the manufacturer.

#### 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

Product is not intended for outdoor application. Please call the manufacture for questions concerning the ecological effects of this product and its constituents.

### 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

#### 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:** None required

**Certified Packaging:** None required

#### SHIPMENT BY AIR (ICAO/IATA CLASSIFICATION)

**Proper Shipping Description:** Aerosols, Flammable, 2.1, UN 1950, LTD. QTY.

**Package Marking:** Aerosols, Flammable, 2.1, UN 1950, LTD.QTY.

**Package Labeling:** Flammable Gas

**Certified Packaging:** None required

**Other Requirements or Instructions:** Complete air bill with packing instruction "Y203, ERG code 10L".

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. Consult appropriately trained shipping professional before offering for shipment by water or air.

### SECTION 15. REGULATORY INFORMATION

#### CERCLA

This product contains the CERCLA listed chemical *Pyrethrins* which has a reportable quantity (RQ) of 1 lb.

#### 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:

Immediate Health Hazard

Fire Hazard

Release of Pressure (Puncture) Hazard

#### SARA TITLE III SECTION 313 CHEMICALS

This product contains the following substances subject to the reporting requirements of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and/or 40 CFR Part 372:

Piperonyl Butoxide, technical (CAS #51-03-6)

5.0% by weight

#### 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 - 2

FLAMMABILITY - 4

REACTIVITY - 0

#### HMS HAZARD RATING INFORMATION

HEALTH - 2

FLAMMABILITY - 4

REACTIVITY - 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. **For automatic MSDS updates, register at [www.wmg.com](http://www.wmg.com).**

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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