

MATERIAL SAFETY DATA SHEET

Prescription Treatment® brand Clear Zone® Metered Pyrethrum Spray

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 Pyrethrum Spray
EPA Reg. No.: 68688-48-499
Product Code(s): 02-0530 (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 (6.135%) | % | CAS NO. |
|------------------------------------|-------------|------------|
| Pyrethrins | 0.975 | 8003-34-7 |
| Piperonyl Butoxide | 1.950 | 51-03-6 |
| n-Octyl bicycloheptene dicarboxide | 3.210 | 113-48-4 |
| OTHER INGREDIENTS* (93.865%) | % | CAS NO. |
| Petroleum Distillate | < 10.0 | 64742-47-8 |
| 2-Propanol | 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 ³ | 5 mg/m ³ |
| Piperonyl Butoxide | NE | NE | NE | NE |
| n-Octyl bicycloheptene dicarboximide | NE | NE | NE | NE |
| Petroleum distillate* | NE | 400 ppm | NE | NE |
| 2-Propanol | 500 ppm | 400 ppm | 400 ppm | 200 ppm |
| 1,1 Difluoroethane | NE | NE | 1,000 ppm | NE |

* TWA recommended by ingredient supplier = 166 ppm

SECTION 3. HAZARDS IDENTIFICATION

NOTES TO PHYSICIAN

None

SIGNS/SYMPTOMS OF EXPOSURE

Direct exposure to eyes may cause temporary discomfort. Direct exposure to skin may cause mild irritation. Contains materials which may irritate the nose, throat and respiratory tract. Amounts transferred to the mouth by fingers, etc., during normal operations should not cause injury. May cause headache, dizziness and allergic reactions.

HAZARDOUS DECOMPOSITION PRODUCTS

Products of combustion are principally carbon dioxide, carbon monoxide and water.

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Containers may rupture and release flammable liquids and/or gasses if exposed to heat above 130°F.

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: Keep material away from eyes. In case of contact flush eyes with warm water for 15 min. Obtain medical attention if irritation persists.

Skin Contact: Do not allow skin contact. Wash immediately from skin with soap and warm water. Obtain medical attention if irritation persists.

Inhalation: Move person to fresh air.

Ingestion: Do not induce vomiting or give anything by mouth to an unconscious person.

Note to Physician: None

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): -30°F (Tag Closed Cup)

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

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

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Containers may rupture and release flammable liquids and/or gasses if exposed to heat above 130°F.

IN CASE OF FIRE

Extinguisher Media: Foam, CO₂, Dry Chemical Extinguisher (B-C) and Halon

Special Fire Fighting Procedures: Self contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. If containers rupture, do not use water as it may spread fire. To prevent rupturing, keep containers cool (below 130°F) by spraying with water until surrounding fire is extinguished.

SECTION 6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR LEAK

Remove ignition sources. Use absorbent material to collect and contain for salvage or disposal. Ventilate area. 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 102 lbs of this product (approx. 262 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 as a minimum.

Skin: Wash hands after handling material. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

Inhalation: No respiratory protection required when used according to label directions. Avoid inhalation of vapors.

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** – Do not use in nurseries or rooms where infants, ill or aged persons are confined. Do not install directly above any food handling or dispensing area.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

OTHER PRECAUTIONS

Avoid skin contact. Wash hands after using product. Use only at normal room temperatures. Do not spray towards face. Do not smoke while spraying.

STORAGE

Do not store above 130°F. Do not store near open flames. Store in a dry area inaccessible to children.

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection: None required when used according to label directions.

Protective Gloves: None required when used according to label directions.

Eye Protection: None required when used according to label directions.

Other Protective Equipment: None required

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Consumer aerosol product

Solubility in Water: Insoluble

Viscosity: Not available

Boiling Point: -25°F

pH: Not available

Odor: Characteristic insecticidal odor

Vapor Pressure: 55 MM (PSIG @ 20°C)

Vapor Density: > 1.0 (air = 1.0)

Freezing/Melting Point: Not available

Specific Gravity (H₂O = 1): 0.608 @ 20°C

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SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: Stable

Conditions to Avoid: Do not store above 130°F. Do not expose to direct sunlight. Do not store near open flame. Avoid heat, sparks and flames.

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

Hazardous Polymerization: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS

Products of combustion are principally carbon dioxide, carbon monoxide and water. Also Hydrofluoric Acid and Carbonyl Halides.

SECTION 11. TOXICOLOGICAL INFORMATION

No information available

SECTION 12. ECOLOGICAL INFORMATION

No information available

SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal.

Container Disposal: Do not reuse empty container. Wrap container and put in trash collection.

SECTION 14. TRANSPORT INFORMATION

DOT CLASSIFICATION

Proper Shipping Name: Consumer Commodity

DOT Hazard Class: ORM-D

INTERNATIONAL TRANSPORTATION

No information available

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 Section 313 of the Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Piperonyl Butoxide (CAS #51-03-6) 1.95% 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

HMIS HAZARD RATING INFORMATION

HEALTH - 2 FLAMMABILITY - 4 REACTIVITY - 0

| |
|-----------------|
| 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. **For automatic MSDS updates, register at www.wmmg.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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