

MATERIAL SAFETY DATA SHEET

PRESCRIPTION TREATMENT® brand P.I.® Contact Insecticide Formula 1

EMERGENCY PHONE NUMBERS:

MEDICAL: 800-225-3320 (PROSAR)

TRANSPORTATION: 800-424-9300 (CHEMTREC)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PRESCRIPTION TREATMENT® brand P.I.®
Contact Insecticide Formula 1
EPA Reg. No.: 499-444
Product Code: 02-0565-3
EPA Signal Word: CAUTION
Distributed by: Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682

ACTIVE INGREDIENTS (4.50%)	%	CAS NO.
Pyrethrins	0.5 %	8003-34-7
Pyperonyl Butoxide, Technical	4.00 %	51-03-6

OTHER INGREDIENTS (95.50%)	%	CAS NO.
Petroleum Distillate	proprietary	64742-47-8
Acetone	59.5%	67-64-1
Hydrocarbon Propellant	proprietary	68476-85-7

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Material	OSHA PEL	ACGIH TLV/TWA	ACGIH STEL	NTP/IARC/OSHA Carcinogen
Pyrethrins	NE	5 mg/M ³	10 mg/M ³	No
Pyperonyl Butoxide, Technical	NE	NE	NE	No
Petroleum Distillate	500 ppm	NE	NE	No
Acetone	750 ppm	750 ppm	1000 ppm	No
Hydrocarbon Propellant	1000 ppm	NE	NE	No

SECTION 3. HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE

Product may produce eye irritation; avoid contact with eyes. Prolonged exposure may cause skin irritation; avoid contact with skin.

NOTE TO PHYSICIAN

May pose an aspiration pneumonia hazard.

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: Call a physician or poison control center. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

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: Flush with plenty of water. Call a physician if irritation persists.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Note to Physician: May pose an aspiration pneumonia hazard.

Medical Conditions Generally Aggravated by Exposure: none known

SECTION 5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION

Flash Point (Tag Closed Cup): -4° F

Flammable Limits in Air (% by volume): Lower (LEL) = 2.5% Upper (UEL) = 13%

NFPA 30B Flammability: Level III 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

Special Fire Fighting Procedures: None required.

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 the Comprehensive Environmental Response, Compensation, and Liability Act (CER-CLA) listed chemical Pyrethrins which has a reportable quantity (RQ) of 1 lb. A release of more than 200 pounds of this product (approx. 178 containers) is reportable to the National Response Center (800-424-8802).

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

PROTECTIVE EQUIPMENT

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

Skin: None Required. 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: None required. 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 – Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash hands before eating, drinking, chewing gum, or using the toilet.

PHYSICAL OR CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

OTHER PRECAUTIONS

Do not spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc. Aerosols work best 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.

STORAGE

Store in a cool area away from heat or open flame.

MATERIAL SAFETY DATA SHEET

PRESCRIPTION TREATMENT® brand P.I.® Contact Insecticide Formula 1

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Respiratory Protection: For prolonged exposure indoors, wear a Dust/Mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter.

Protective Gloves: None required when used according to directions.

Eye Protection: None required when used according to directions.

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 and Odor: Sprays as a coarse spray with characteristic Pyrethrin odor.

Vapor Pressure: NA (end use product)

Percent Volatile: ≈ 95.5%

Boiling Point: NA (end use product)

Freezing/Melting Point: NA (end use product)

Solubility in Water: Soluble

Specific Gravity: 0.0.80 g/ml @ 20° C (H₂O = 1)

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: Indefinite when used according to label directions.

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 may result in carbon dioxide and carbon monoxide.

SECTION 11. TOXOLOGICAL INFORMATION

ACUTE TOXICITY/IRRITATION STUDIES

Eye: Product did not produce any conjunctival irritation, nor was any corneal opacity or iritis observed (rabbits).

Skin: Acute Dermal Toxicity - LD₅₀ (rabbits) > 2000 mg/kg. Does not appear to be a dermal sensitizer to guinea pigs. Primary skin irritation = 0.13 (rabbits).

Inhalation & Inhalation: Unlikely due to the product being pressurized and producing particles large enough not to be respirable. Acute oral toxicity: LD₅₀ > 5000 mg/kg. Acute inhalation toxicity: LC₅₀ > 4.53 mg/L.

SECTION 12. ECOLOGICAL INFORMATION

This product is toxic to fish. 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.

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
ACL - Acceptable Ceiling Level
MPC - Maximum Peak Concentration



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.

WMG Part No. 19-0714-2
Issued Date: 6/18/01
Supersedes: 10/12/98
Code #: 147-087

SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal. Dispose of containers and wastes in accordance with all Federal, state and local regulations.

Container Disposal: This container may be recycled in the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE!). If recycling is not available, wrap the container and discard in the trash unless prohibited by state or local regulations.

Waste Disposal: Waste 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

Not available

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:

Acute 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	4.00% by weight
Acetone	59.5% 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 - 1
FLAMMABILITY - 2
REACTIVITY - 1