

# MATERIAL SAFETY DATA SHEET

## Prescription Treatment® brand PRO-CONTROL® PLUS Total Release Aerosol 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 PRO-CONTROL® PLUS Total Release Aerosol Insecticide formula 1  
**EPA Reg. No.:** 499-462  
**Product Code:** 02-5001 (12 x 6 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 (1.6%)	%	CAS NO.
Pyrethrins	0.50	8003-34-7
Cyfluthrin	0.10	68359-37-5
Piperonyl Butoxide, Technical	1.00	51-03-6
OTHER INGREDIENTS* (98.4%)	%	CAS NO.
2-Propanone	proprietary	67-64-1
Dimethyl Ether	proprietary	115-10-6

\* 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>
Cyfluthrin	NE	NE	NE	NE
Piperonyl Butoxide, Technical	NE	NE	NE	NE
2-Propanone	NE	750 ppm	1,000 ppm	750 ppm
Dimethyl Ether	NE	NE	NE	1,000 ppm

### SECTION 3. HAZARDS IDENTIFICATION

#### SIGNS/SYMPTOMS OF EXPOSURE

Direct contact with eyes can cause irritation. Prolonged or repeated contact with skin may cause allergic reaction in some individuals. Inhalation of product vapors may cause chemical intoxication at high airborne concentrations.

#### ROUTES OF ENTRY

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

#### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide and carbon monoxide.

#### 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.

**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.

**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.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**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:** 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):** < 20°F

**Flame Projection:** NE

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

Lower (LEL) = 3.4%      Upper (UEL) = 18.0%

**NFPA 30B Flammability:** Level II 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, water spray/fog

**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 chemicals *Pyrethrins* which has a reportable quantity (RQ) of 1 lb and *2-Propanone* which has a reportable quantity (RQ) of 5,000 lbs. A release of more than 193 lbs of this product (approx. 515 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 absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

#### OTHER PRECAUTIONS

Do not remain in enclosed areas after use. Stay out of rooms being treated for at least 2 hr. Ventilate enclosed areas before returning. Avoid contamination of food and foodstuffs. Remove pets and birds, cover and turn off fish aquariums before spraying.

#### PHYSICAL OR CHEMICAL HAZARDS

**Extremely Flammable.** Keep away from fire, sparks and heated surfaces. 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. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on the label very carefully.

#### STORAGE

Do not contaminate water, food or feed. Store in a cool, dry place away from heat or open flame and in an area inaccessible to children.

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Respiratory Protection:** None required for typical use exposure. See Section 6 for atypical exposure.

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## Prescription Treatment<sup>®</sup> brand PRO-CONTROL<sup>®</sup> PLUS Total Release Aerosol Insecticide Formula 1

**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:** Ventilate area for 30 min before reoccupying. Do not remain in enclosed areas after product is activated.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Dispenses as spray mist

**Solubility in Water:** Negligible

**Viscosity:** NE

**Boiling Point:** NE

**pH:** NE

**Odor:** Typical of Pyrethrins

**Vapor Pressure:** NE

**Vapor Density:** NE

**Freezing/Melting Point:** NE

**Density:** 0.825 g/ml @ 20°C (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):** Nitric plus acetic acids, nitric plus sulfuric acids, oxidizers and organic acid anhydrides.

**Hazardous Polymerization:** Will not occur

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide and carbon monoxide

## SECTION 11. TOXICOLOGICAL INFORMATION

### ROUTES OF ENTRY

**Primary:** Inhalation

**Secondary:** Skin

**Tertiary:** Ingestion

### ACUTE

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

**Skin:** Prolonged or repeated contact with skin can cause allergic reaction in some individuals.

**Ingestion:** Ingestion is not considered a likely route of exposure. Product may cause severe distress and serious illness if taken internally. Aspiration of liquid product may cause chemical pneumonia.

**Inhalation:** Inhalation of product vapors may cause chemical intoxication at high airborne concentrations.

### 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. 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.

## 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:** Not 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 chemicals *Pyrethrins* which has a reportable quantity (RQ) of 1 lb and *2-Propanone* which has a reportable quantity (RQ) of 5,000 lbs.

### 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 (CAS #51-03-6) 1.00% 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 - 3      REACTIVITY - 0

### HMIS HAZARD RATING SYSTEM

HEALTH - 1      FLAMMABILITY - 3      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](http://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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