

MATERIAL SAFETY DATA SHEET

PRESCRIPTION TREATMENT® brand ULTRACIDE® Pressurized Flea IGR & Adulticide 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 Ultracide® Pressurized Flea IGR & Adulticide Formula 1
EPA Reg. No.: 499-404
Product Code: 02-0405 (12 x 20 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 (0.985%) | % | CAS NO. |
|--------------------------------------|-------------|------------|
| Pyriproxyfen | 0.100% | 95737-68-1 |
| Pyrethrins | 0.050% | 8003-34-7 |
| N-octyl bicycloheptene dicarboximide | 0.400% | 113-48-4 |
| Permethrin | 0.435% | 52645-53-1 |
| OTHER INGREDIENTS* (99.015%) | % | CAS NO. |
| Petroleum Distillate | < 10% | 64742-47-8 |
| Hydrocarbon Propellant Blend | proprietary | 68476-85-7 |

* 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 |
| Pyriproxyfen | NE | NE | NE | NE |
| Pyrethrins | NE | NE | NE | NE |
| N-octyl bicycloheptene dicarboximide | NE | NE | NE | NE |
| Permethrin | NE | NE | NE | NE |
| Petroleum Distillate | NE | 400 ppm | 1000 ppm | 500 ppm |
| Hydrocarbon Propellant Blend | NE | NE | 1000 ppm | NE |

SECTION 3. HAZARDS IDENTIFICATION

SIGNS/SYMPTOMS OF EXPOSURE

Product may cause substantial eye irritation. Prolonged exposure may cause skin irritation and reddening of the skin.

ROUTES OF ENTRY

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

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in carbon monoxide and carbon dioxide.

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: 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 by 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 minutes. Call a poison control center or doctor for treatment advice.

Eye Contact: Hold eyes open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

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 (propellant)

Flame Projection: NE

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

Lower (LEL) = 4.0% Upper (UEL) = 18.0%

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

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.), 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 1600 lbs. of this product (approx. 1280 units) 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, P, or HE prefilter.

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. Do not breathe vapors or spray mist. Avoid contact with skin or eyes. In case of contact, flush with plenty of water. Wash with soap and warm water after use. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs. Do not treat pets with this product. Remove pets, birds, and cover fish aquariums before spraying.

REENTRY STATEMENT

Do not contact treated surfaces until spray has dried.

OTHER PRECAUTIONS

This product has been tested on several types of carpet, fabric and other household furnishings without adverse affects. In a few instances, waxed surfaces have been whitened or dulled. Holding the can 36 inches away from the target surface normally prevents any whitening from occurring. Because of the wide variety of floor types and finishes, treat a small inconspicuous area before treating the entire area. Avoid contact with antique finishes.

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.

STORAGE

Do not contaminate water, food or feed. Store in a cool, dry area inaccessible to children.

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SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Respiratory Protection: None required when used according to label directions.
Protective Gloves: Chemical resistant gloves are recommended if prolonged or repeated skin contact is likely. (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: Use proper protection – safety glasses are recommended.
Other Protective Equipment: None required.

VENTILATION

Local Exhaust: None required.
Mechanical: May be used when applying this product in enclosed spaces.
Special: None required.
Other: None required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Sprays as a mist. **Odor:** Characteristics insecticide/solvent odor.
Solubility in Water: Will dissipate. **Vapor Pressure:** NE
Viscosity: NE **Vapor Density:** NE
Boiling Point: NE **Freezing/Melting Point:** NE
pH: 7.1 (1% in H₂O) **Density:** 0.97 g/ml @ 20° C

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.
Hazardous Polymerization: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY

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

ACUTE

Eyes: Product may cause substantial eye irritation.
Skin: Prolonged exposure may cause skin irritation and reddening of the skin. Acute dermal LD₅₀ > 2000 mg/kg (rabbits).
Ingestion: Acute oral toxicity LD₅₀ > 5000 mg/kg (rats).
Inhalation: Unlikely due to product being pressurized and producing particles large enough not to be respirable. Acute inhalation toxicity LC₅₀ > 5.12 mg/L (rats).

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 and birds. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Apply this product only as specified on the label.

SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal of container or wastes. Dispose of container and wastes 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 or call 1-800-CLEANUP 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

U.S. DOT CLASSIFICATION (U.S. DOMESTIC SURFACE TRANSPORT)

Proper Shipping Description: Consumer Commodity, ORM-D
Package Label: No label required.
Package Marking: "Consumer Commodity, ORM-D"
UN Approved Packaging: Not required.

IMDG CLASSIFICATION (OCEAN TRANSPORT)

Proper Shipping Description: Aerosols, 2.1, UN 1950
Package Labeling: No label required.
Package Marking: "Dangerous Goods in Limited Quantities of Class 2.1"
UN Approved Packaging: Not required.

ICAO/IATA CLASSIFICATION (AIR TRANSPORT)

Proper Shipping Description: Aerosols, Flammable, 2.1, UN 1950
Package Labeling: Flammable Gas
Package Marking: Aerosols, Flammable, UN 1950, LTD. QTY.
UN Approved Packaging: Not required.
Other Requirements or Instructions: Complete air bill with packaging instruction Y203, ERG code 10L.

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 no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 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 - 2 FLAMMABILITY - 2 REACTIVITY - 1

HMIS HAZARD RATING INFORMATION

HEALTH - 2 FLAMMABILITY - 2 REACTIVITY - 1

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.

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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