

# MATERIAL SAFETY DATA SHEET

## Prescription Treatment® brand Attain® TR Micro Total Release Insecticide

### EMERGENCY PHONE NUMBERS:

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

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

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Prescription Treatment brand Attain TR Micro Total Release Insecticide  
**EPA Reg. No.:** 499-472  
**Product Code:** 09-1820 (12 x 2 oz.)  
09-1821 (12 x 6 oz.)  
**EPA Signal Word:** WARNING  
**Manufactured 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 (4.0%)	%	CAS NO.
Bifenthrin	4.0%	82657-04-3
OTHER INGREDIENTS* (96.0%)	%	CAS NO.
<i>N-Methylpyrrolidone</i>	6.0%	872-50-4
Isopropanol	proprietary	67-63-0
Isobutane	proprietary	75-28-5
Propane	proprietary	74-98-6

\* 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	
	Bifenthrin	NE	NE	NE	NE
	<i>N-Methylpyrrolidone</i>	NE	NE	NE	NE
	Isopropanol	NE	400 ppm	500 ppm	400 ppm
	Isobutane	NE	NE	NE	1000
ppm	Propane	NE	NE	NE	1000
ppm					

### SECTION 3. HAZARDS IDENTIFICATION

#### SIGNS/SYMPTOMS OF EXPOSURE

Product can cause substantial, but temporary eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### ROUTES OF ENTRY

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

#### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide and nitrogen oxide fumes, hydrofluoric acid and carbonyl halides.

#### 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.

**Eye Contact:** Hold eyes open and rinse slowly and gently with water 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 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**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.

**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.

**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 (Tag Closed Cup):** < 20°F

**Flammable Limits in Air (% by volume):**

Lower (LEL) = 1.8%      Upper (UEL) = 9.5%

**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:** CO<sub>2</sub>, Dry Chemical, cool water spray, if necessary (container runoff).

**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 no Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) listed chemicals. Releases of this product are not reportable to the National Response Center.

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

#### PROTECTIVE EQUIPMENT

**Eyes:** Wear protective eyewear such as goggles or face shield.

**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, N or HE prefilter.

**Other Protective Equipment:** Wear long-sleeved shirt and long pants, and shoes plus socks.

#### WASTE DISPOSAL METHOD

Do not contaminate water, food or feed by storage or disposal of waste. Take full or leaking containers should be taken 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. WARNING – causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles or face shield while handling. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### 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. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully.

#### USER SAFETY RECOMMENDATIONS

**Users Should:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### STORAGE

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

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Respiratory Protection:** For prolonged exposure or if used in enclosed or confined areas, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter may be used.

**Protective Gloves:** Waterproof gloves required for early reentry to treated areas.

**Eye Protection:** Wear protective eyewear such as goggles or face shield.

**Other Protective Equipment:** Wear long-sleeved shirt, long pants and shoes plus socks. Early reentry calls for coveralls and shoes plus socks.

#### VENTILATION

**Local Exhaust:** None required

**Mechanical:** None required

**Special:** None required

**Other:** Provide adequate ventilation

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Sprays as a clear liquid  
**Solubility in Water:** NA  
**Viscosity:** NE  
**Boiling Point:** NE  
**pH:** NE  
**Odor:** Characteristic bifenthrin odor  
**Vapor Pressure:** 48 psig @ 70°F  
**Vapor Density:** NE  
**Freezing/Melting Point:** NE  
**Density:** NE

### 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. Moderate risk of peroxide formation.  
**Incompatibility (Material to Avoid):** Alkali or alkaline earth metals; caustics, amines, alkanolamines, aldehydes; strong oxidizing or reducing agents; chlorinated compounds.  
**Hazardous Polymerization:** Will not occur.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide and nitrogen oxide fumes, hydrofluoric acid and carbonyl halides.

### SECTION 11. TOXOLOGICAL INFORMATION

#### ROUTES OF ENTRY

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

#### ACUTE

**Eyes:** Product causes substantial but temporary eye irritation (Category II).  
**Skin:** Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Primary skin irritation index average score = 0.1 (essentially non-irritation – Category IV). Product was considered "sensitizing" when tested on guinea pigs. Acute dermal toxicity (rabbits) LD<sub>50</sub> > 5,000 mg/kg (Category IV).  
**Ingestion:** Acute oral toxicity (rats) LD<sub>50</sub> > 1300 mg/kg (Category III).  
**Inhalation:** Unlikely due to product being pressurized and producing particles large enough not to be respirable. Acute inhalation toxicity (rats) LC<sub>50</sub> > 3.1 mg/L (Category IV).

#### 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).

#### REPRODUCTIVE TOXICITY

This product contains *N-Methylpyrrolidone*, a chemical known by the state of California to be a reproductive hazard.

### SECTION 12. ECOLOGICAL INFORMATION

This product is highly toxic to fish and aquatic invertebrates. Keep out of lakes, streams or ponds. Do not contaminate water when disposing of equipment wash waters.

### 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

#### 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:** Not required

#### SHIPMENT BY AIR (IATA CLASSIFICATION)

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

### SECTION 15. REGULATORY INFORMATION

#### CERCLA

This product contains no CERCLA listed chemicals.

#### 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:

Bifenthrin 4.0% (by weight)  
*N-Methylpyrrolidone* 6.0% (by weight)

#### CALIFORNIA SAFE DRINKING AND TOXIC ENFORCEMENT ACT (PROP 65)

This product contains *N-Methylpyrrolidone*, a chemical known by the state of California to be a reproductive hazard.

#### 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 – 4      REACTIVITY – 1

#### HMIS HAZARD RATING INFORMATION<sup>1</sup> = SLIGHT

HEALTH – 1      FLAMMABILITY – 4      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. **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 hrs.)



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.  
800-777-8570 [www.wmmg.com](http://www.wmmg.com)

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