

# MATERIAL SAFETY DATA SHEET

## PRESCRIPTION TREATMENT® brand 381B ADVANCE® Liquid Ant Bait

### EMERGENCY PHONE NUMBERS:

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

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

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PRESCRIPTION TREATMENT® brand 381B ADVANCE®  
Liquid Ant Bait  
**EPA Reg. No.:** 499-491  
**Product Code(s):** 02-0243 (4 x 1 gallon)  
**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 (1.3%)	%	CAS NO.
Sodium Tetraborate Decahydrate (Borax)	1.3%	1303-96-4

#### OTHER INGREDIENTS\* (98.7%)

\* 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
Sodium Tetraborate Decahydrate (Borax)	NE	10 mg/m <sup>3</sup>	NE	5 mg/m <sup>3</sup>

\* Cal. OSHA PEL = 5 mg/m<sup>3</sup> (TWA)

### SECTION 3. HAZARDS IDENTIFICATION

#### SIGNS/SYMPTOMS OF EXPOSURE

May cause slight irritation to eyes. Prolonged contact with skin may cause mild irritation. If swallowed in large quantities, this product may cause gastrointestinal symptoms.

#### ROUTES OF ENTRY

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

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may release toxic fumes of carbon monoxide and/or carbon dioxide, nitrogen, sodium and/or chloride.

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

None known.

### 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 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 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.

**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.

**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:** NA (water based formulation)

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

Lower (LEL) = NA                      Upper (UEL) = NA

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

None known.

#### IN CASE OF FIRE

**Extinguisher Media:** CO<sub>2</sub>, 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.), use absorbent material to collect and contain for salvage or disposal. Dispose of wastes 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:** Use proper protection – safety glasses as a minimum.

**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:** None required.

#### WASTE DISPOSAL METHOD

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. Do not contaminate water, food or feed by storage or disposal of wastes.

### SECTION 7. HANDLING AND STORAGE

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. CAUTION – Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

#### OTHER PRECAUTIONS

Do not contaminate feed or food products or food preparation surfaces, dishes, kitchen utensils and food containers.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not apply where electrical short circuits might result. To prevent possible staining, spilled bait should be cleaned up immediately with a damp cloth or sponge.

#### STORAGE

Do not contaminate water, food or feed by storage. Store product in original container in a cool, dry, locked place out of reach of children. Do not allow product to freeze.

### 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 as a minimum.

**Other Protective Equipment:** None required.

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### VENTILATION

**Local Exhaust:** None required.

**Mechanical:** None required.

**Special:** None required.

**Other:** None required.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear liquid

**Odor:** Odorless

**Solubility in Water:** NE

**Vapor Pressure:** NE

**Viscosity:** NE

**Vapor Density:** NE

**Boiling Point:** NE

**Freezing/Melting Point:** NE

**pH:** NE

**Density:** 1.24 g/ml @ 20° C

### SECTION 10. STABILITY AND REACTIVITY

#### REACTIVITY

**Stability:** Indefinite

**Conditions to Avoid:** Do not apply onto very hot surfaces.

**Incompatibility (Material to Avoid):** Strong reducing agents such as metal hydrides or alkali metals. Strong oxidizing agents.

**Hazardous Polymerization:** Will not occur.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may release toxic fumes of carbon monoxide and/or carbon dioxide, nitrogen, sodium and/or chloride.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### ROUTES OF ENTRY

**Primary:** Skin

**Secondary:** Ingestion

**Tertiary:** Inhalation

#### ACUTE

**Eyes:** Product is considered minimally irritating to eyes. Product produced conjunctival irritation in rabbits clearing within 48 hours. No iritis was observed.

**Skin:** Product is considered a slight irritant. Prolonged exposure may cause skin irritation. Primary skin irritation index = 0.3 (rabbits). Acute dermal toxicity – LD<sub>50</sub> > 5000 mg/kg (rabbits).

**Ingestion** Majority of ingredients are food grade material and, if swallowed accidentally, are not likely to cause effects. If swallowed in large amounts, person may experience gastrointestinal symptoms. Acute oral toxicity – LD<sub>50</sub> > 5,000 mg/kg (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 pesticide is toxic to fish and wildlife. Do not apply directly to water. 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. Dispose of container and wastes in accordance with all Federal, state and local regulations.

**Container Disposal:** Do not reuse this container. Before disposal, empty the container by using the product according to the label directions. Triple rinse (or equivalent), then offer for recycling or reconditioning. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landfill.

**Waste Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. NEVER PLACE UNUSED PRODUCT OR OTHER WASTES DOWN ANY INDOOR OR OUTDOOR DRAIN OR SEWER.

### SECTION 14. TRANSPORT INFORMATION

#### SHIPMENT BY GROUND WITHIN U.S. (DOT CLASSIFICATION)

**Proper Shipping Name:** Pesticide, NOI (not regulated)

**DOT Hazard Class:** NA

### 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 and does not fall into any EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III).

#### 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 - 0    FLAMMABILITY - 0    REACTIVITY - 0

#### HMIS HAZARD RATING INFORMATION

HEALTH - 0    FLAMMABILITY - 0    REACTIVITY - 0

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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