

M A T E R I A L S A F E T Y D A T A S H E E T

Prescription Treatment® brand Alpine™ Pressurized 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 Alpine™ Pressurized Insecticide
EPA Reg. No.: 499-531
Product Code(s): 02-0420 (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 INGREDIENT (0.5%)	%	CAS NO.
Dinotefuran	0.5	165252-70-0
OTHER INGREDIENTS* (99.5%)	%	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
Dinotefuran	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

ROUTES OF ENTRY

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

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in carbon dioxide and water vapor. Oxides of nitrogen may also be produced.

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Vapors are heavier than air and may travel along the ground or may be moved by ventilation systems and ignited.

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 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.

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.

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.

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.

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): NA

Flame Projection: > 18"; no flashback

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

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

NFPA 308 Flammability: Level I Aerosol

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

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IN CASE OF FIRE

Extinguisher Media: CO₂, Dry Chemical, Water, 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 *2-Propanone*, which has a reportable quantity (RQ) of 5,000 lbs. A release of more than 8,835 lbs of this product (approx. 7,070 20 oz cans) 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.

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

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 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: Provide adequate ventilation.

MATERIAL SAFETY DATA SHEET

Prescription Treatment® brand Alpine™ Pressurized Insecticide

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Strong coarse spray
Solubility in Water: Disperses
Viscosity: 1.75 cps @ 20.6°C
Boiling Point: NA
pH: 8.587 @ 23.2°C

Odor: Essentially no odor
Vapor Pressure: NA
Vapor Density: NA
Freezing/Melting Point: NE
Density: < 1 g/cm³ @ 20°C

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: Indefinite when used according to label directions.
Conditions to Avoid: Open flame, sparks and high temperatures
Incompatibility (Material to Avoid): Avoid contact with hydrofluoric acid; heat may be generated.
Hazardous Polymerization: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in carbon dioxide and water vapor. Oxides of nitrogen may also be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY

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

ACUTE

Eyes: Product is minimally irritating to the eyes (rabbit). Conjunctival irritation cleared within 24 hr. No corneal opacity or iritis was noted.

Skin: Product is slightly irritating to the skin. Acute dermal toxicity LD₅₀ > 5,000 mg/kg (rats). Primary skin irritation index = 0.4 (rabbits); all irritation was clear within 48 hr. Product is not a dermal contact sensitizer (guinea pigs).

Ingestion: Acute oral toxicity LD₅₀ > 5,000 mg/kg (rats).

Inhalation: Acute inhalation toxicity LC₅₀ > 2.05 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

For terrestrial uses: This product is toxic to shrimp. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Apply this product only as specified on the label. Spraying directly on plants may cause phytotoxicity. Test an inconspicuous area before treating plants.

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: None required

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 chemical *2-Propanone* which has a reportable quantity (RQ) of 5,000 lbs.

SARA TITLE III SECTIONS 311/312 HAZARD CLASS

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 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 minimis 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 - 1 FLAMMABILITY - 2 REACTIVITY - 1

HMIS HAZARD RATING SYSTEM

HEALTH - 1 FLAMMABILITY - 2 REACTIVITY - 1

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.

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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