Alpine Prescription Treatment
**Material Safety Data Sheet**

**Prescription Treatment® brand Alpine™ Dust Insecticide**

**EMERGENCY PHONE NUMBERS:**
MEDICAL: 800-225-3320 (Prostar)

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

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Prescription Treatment® brand Alpine™ Dust Insecticide

**EPA Reg. No.:** 499-527

**Product Code(s):** 02-0422 (12 x 6 oz) 02-0422 (4 x 3 lbs)

**EPA Signal Word:** CAUTION

**Distributed by:** Whitemare Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122-6682

**COMPOSITION/INFORMATION ON INGREDIENTS**

**ACTIVE INGREDIENTS** (95.25%)

- Dinobutrazole
  - %: 0.25
  - CAS NO.: 165252-70-0

- Diatomaceous Earth
  - %: 95.00
  - CAS NO.: 7631-86-9

**OTHER INGREDIENTS** (4.75%)

- 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.

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

**SECTION 3. HAZARDS IDENTIFICATION**

**SYMPTOMS OF EXPOSURE**
Eye irritation, coughing, wheezing, difficulty breathing, and upper respiratory tract irritation.

**ROUTES OF ENTRY**

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

**HAZARDOUS DECOMPOSITION PRODUCTS**
Thermal decomposition in open flame may result in carbon dioxide, water vapor, and may produce oxides of nitrogen.

**UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS**
Products of combustion from fires involving this material may be toxic. Avoid breathing smoke and mist.

**SECTION 4. FIRST AID MEASURES**

**MATERIAL:**

<table>
<thead>
<tr>
<th>OSHA PEL</th>
<th>TWA</th>
<th>AGCHH TLV</th>
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<tbody>
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<td>STEL</td>
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<td>NE</td>
</tr>
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<td>Diatomaceous Earth</td>
<td>NE</td>
<td>80 mg/m³</td>
</tr>
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**Amorphous Silica – Natural Diatomite**

**SECTION 5. FIRE FIGHTING MEASURES**

**FIRE AND EXPLOSION**
- **Flash Point (TCC):** NA
- **Explosibility Limits in Air (% by volume):**
  - Lower (LEL): NA
  - Upper (UEL): NA

**NFPA 308 Flammability:**
- **Class:** NA

**UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS**
Products of combustion from fires involving this material may be toxic. Avoid breathing smoke and mist.

**IN CASE OF FIRE**
- **Extinguisher Media:** Carbon Dioxide, Dry Chemical, Water fog, Foam

**Special Fire Fighting Procedures:** Firefighting personnel should wear full protective equipment and positive pressure self-contained breathing apparatus (SCBA) approved for firefighting. Contain and isolate runoff for proper disposal. Do not allow runoff to enter watercourses.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**IN CASE OF SPILL OR LEAK**
Vacuum or dampen with water and sweep up material. Spilled material should be carefully collected and contained in a manner that produces the least amount of airborne dust. Collect and contain for salvage or disposal. Residual material may be collected with towels moistened with water. Wet floors may become extremely slippery in the presence of this dust.

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)

**SECTION 7. HANDLING AND STORAGE**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**
Keep out of reach of children. CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**STORAGE**
- 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 8. PHYSICAL AND CHEMICAL PROPERTIES**

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**Amorphous Silica – Natural Diatomite**

**Environmental considerations:**

- **Prescription Treatment® brand Alpine™ Dust Insecticide**

**SECTION 9. TOXICOLOGICAL INFORMATION**

**SECTION 10. STABILITY AND REACTIVITY**

**SECTION 11. REGULATORY INFORMATION**

**SECTION 12. OTHER INFORMATION**

**SECTION 13. DISPOSAL CONSIDERATIONS**

**SECTION 14. TRANSPORTATION INFORMATION**

**SECTION 15. EXPOSURE LIMITS**

**SECTION 16. INHALED DUST**

**SECTION 17. OTHER INHALATION INFORMATION**

**SECTION 18. INGESTED DUST**

**SECTION 19. OTHER INGESTION INFORMATION**

**SECTION 20. INJECTED DUST**

**SECTION 21. OTHER INJECTION INFORMATION**

**SECTION 22. DERMAL DUST**

**SECTION 23. OTHER DERMAL INFORMATION**

**SECTION 24. EYE DUST**

**SECTION 25. OTHER EYE INFORMATION**

**SECTION 26. FIRE FIGHTING MEASURES**

**FIRE AND EXPLOSION**
- **Flash Point (TCC):** NA
- **Explosibility Limits in Air (% by volume):**
  - Lower (LEL): NA
  - Upper (UEL): NA

**NFPA 308 Flammability:**
- **Class:** NA

**UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS**
Products of combustion from fires involving this material may be toxic. Avoid breathing smoke and mist.

**IN CASE OF FIRE**
- **Extinguisher Media:** Carbon Dioxide, Dry Chemical, Water fog, Foam

**Special Fire Fighting Procedures:** Firefighting personnel should wear full protective equipment and positive pressure self-contained breathing apparatus (SCBA) approved for firefighting. Contain and isolate runoff for proper disposal. Do not allow runoff to enter watercourses.

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**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 working in potentially high dust environments. When using a respirator, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with an N-100 filter. See 29 CFR 1910.134 for respiratory protection training, testing, and selection 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: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**STORAGE**
Do not contaminate water, food or feed. Store in original container in a dry location inaccessible to children.
SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Respiratory Protection: None required when used according to label directions. For prolonged exposure or if used in enclosed or confined areas with the potential for high dust exposure, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with an N or P filter may be used. See 29 CFR 1910.134 for respiratory protection, training, and testing requirements.

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: Recommended

Mechanical: None required

Special: None required

Other: Provide adequate ventilation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fine white powder

Odor: Characteristic earthy odor

Solubility in Water: Active ingredient soluble, the rest is not

Vapor Pressure: NA

Vapour Density: NA

Boiling Point: NE

Melting Point: 1,400°F

Density: 2.2 lbs/ft³

SECTION 10. STABILITY AND REACTIVITY

Stability: Indefinite when used according to label directions.

Conditions to Avoid: High heat. Open flame

Incompatibility (Material to Avoid): Acids, Bases, Oxidizers

Aerobic Polymerization: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in carbon dioxide, water vapor, and may produce oxides of nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY

Primary: Inhalation

Secondary: Skin

Tertiary: Ingestion

ACUTE

Eyes: Product is mildly irritating to the eyes. Product produced conjunctival irritation, irritation of the cornea, and redness or redness in albino rabbit eyes, cleaning in 7 days.

Skin: Product is slightly irritating to the skin. Acute dermal toxicity LD₅₀ > 5,000 mg/kg (rats). Primary skin irritation index = 0.3 (rabbits), all irritation was cleared within 24 hr.

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

Inhalation: Acute inhalation toxicity LC₅₀ > 298 mg/L (rats).

CHRONIC/CANCERGENICITY

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).

The American Conference of Governmental Industrial Hygienists (ACGIH) classifies mineral particulates as nuisance dusts. This natural Diatomaceous Earth has measured levels of less than 0.1% crystalline silica as quartz. Levels are, therefore, less than the OSHA concentration limit of 0.1%.

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.

WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.

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Part #: 13-0787-07

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