

**Gro Tec, Inc.**  
**P.O. Box 290 - Madison, Ga 30650**  
**Material Safety Data Sheet**

**ELIMINATOR SNAIL & SLUG BAIT**

**This product is used by Homeowners and Professionals**

MSDS NO. ELI-33

DEC. 1999

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**SECTION 1 - PRODUCT IDENTIFICATION**

Chemtrec Transport Emergency

Telephone: 1-800-424-9300

EPA Reg. Number: 8119-1-59144

Chemical Name: Metaldehyde

Non-Transportation Emergency -

Pennington/Gro Tec, Inc.: 706-342-1234

Poison Control Center

Atlanta: 1-800-282-5846

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**SECTION 2 - COMPOSITION**

<u>Component</u>	<u>Percentage</u>	<u>ACGIH Exposure Limit</u>	<u>OSHA Exposure Limit</u>
Metaldehyde [9002-91-9]	2%	None established	None established
Acetaldehyde [75-07-0]	< 0.1%	None established	None established

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**SECTION 3 - HEALTH HAZARD DATA**

**EMERGENCY OVERVIEW**

A tan, granular meal with the odor of grain.

- May be harmful if swallowed.
- May be fatal to dogs or other pets if eaten.

**ROUTE(S) OF ENTRY:** Ingestion, inhalation, and skin contact.

**INGESTION:** May be harmful if swallowed.

**SIGNS & SYMPTOMS:** Salvation, vomiting, nausea, acetonuria, convulsions, increased body temperature, depression of medullary respiratory and vasomotor control centers, coma, may be fatal.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Overexposure may aggravate existing liver, kidney and brain conditions.

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**SECTION 4 - FIRST AID**

**IF IN EYES:** Flush eyes with plenty of water for several minutes. Seek medical attention if irritation develops.

**IF ON SKIN:** Wash affected areas with plenty of water, and soap, if available, for several minutes. Seek medical attention if irritation develops.

**IF INHALED:** Remove from area to fresh air. If not breathing, clear airway and start artificial respiration. If victim is having trouble breathing, give supplemental oxygen, if available. Get immediate medical attention.

**IF SWALLOWED:** If swallowed, immediately give 3-4 glasses of water. **DO NOT** induce vomiting. If vomiting occurs and victim is conscious, give fluids again. Get immediate medical attention. Have physician determine if patient's condition allows induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person.

**NOTE TO PHYSICIAN:** According to HSDB, administration of Diazepam or Clonidine 20 minutes after ingestion of 1000 mg/kg by mice delayed the onset of symptoms and reduced mortality. Therefore, Diazepam and Clonidine may be appropriate antidotes to reduce symptomatology of metaldehyde ingestion.

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**SECTION 5 - FIRE & EXPLOSION HAZARDS**

**FLASH POINT:** Not applicable

**METHOD USED:** Not applicable

**FLAMMABLE LIMITS:** Lower Flammability Limit: Not applicable  
Upper Flammability Limit: Not applicable

**EXTINGUISHING MEDIA:** Carbon dioxide, Dry Chemical, and Water

**HAZARDOUS COMBUSTION PRODUCTS:** Thermal decomposition may produce toxic vapors/fumes of paraldehyde, acetaldehyde, and oxides of carbon.

**UNUSUAL FIRE/EXPLOSION HAZARDS:** As with most powdered organic compounds, dust explosions may be possible, but not likely.

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**SECTION 6 - SPILL AND LEAK PROCEDURES**

Carefully shovel spills into appropriate containers for disposal. Avoid generating dust. Wet residue with water and absorb with inert material (sand, earth...) and transfer into appropriate containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

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**SECTION 7 - STORAGE & HANDLING**

**STORAGE:** Store in a cool, dry locked location out of direct sunlight, in original container, and not accessible to children or pets. Avoid contamination of feed and foodstuffs.

**HANDLING:** Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly after use. Keep out of reach of children and domestic animals. Keep pets off treated area.

**IMPORTANT:** Keep away from children, dogs and pets. Bait may be attractive to dogs. Confine pets during application to prevent them from believing they are being fed. Use and store under conditions where there will not be a hazard.

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**SECTION 8 - SPECIAL PROTECTION INFORMATION**

**EYE/FACE PROTECTION:** Safety glasses with side shields.

**SKIN PROTECTION:** Latex or rubber gloves.

**RESPIRATORY PROTECTION:** Not generally needed for outdoor use.

**OTHER PROTECTION:** Long-sleeved shirts.

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**SECTION 9 - PHYSICAL DATA**

**Physical Form:** Dry granules

**Color:** Tan

**Odor:** Grain

**Vapor Pressure:** Not applicable

**Vapor Density:** Not applicable

**Evaporation Rate:** Not applicable

**Boiling Point:** Not applicable

**Freezing Point:** Not applicable

**pH:** Not applicable

**Specific Gravity:** Not applicable

**Coeff. Water/Oil Dist.:** Not applicable

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**SECTION 10 - REACTIVITY DATA**

**STABILITY (CONDITIONS TO AVOID):** Stable.

**INCOMBATIBILITY (SPECIFIC MATERIALS TO AVOID):** Oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce toxic vapors/fumes of paraldehyde, acetaldehyde, other organic materials and oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

**EYE IRRITATION (rabbit):** Not available

**SKIN IRRITATION (rabbit):** Not available

**DERMAL ABSORPTION:** Not available

**SKIN SENSITIZATION (guinea pig):** Not available

**ACUTE INGESTION:** Not available

**ACUTE INHALATION:** Not available

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**SECTION 12 - ECOLOGICAL INFORMATION**

For terrestrial uses only, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

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**SECTION 13 - DISPOSAL**

Do not reuse carton. Discard carton in trash. Securely wrap original container in several layers of newspaper and discard in trash. Dispose of in compliance with all Federal, State and local laws and regulations.

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**SECTION 14 - TRANSPORTATION**

Proper Shipping Name: Eliminator Snail & Slug Bait

Technical Name (if applicable):

UN Initial & Number: Not required

Class: Packing Group: RQ: Not required

Hazard Labels: None required

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**SECTION 15 - REGULATORY INFORMATION**

**U.S. REGULATIONS:**

**SARA Title III 313 Information:** To the best of our knowledge, this product contains no chemical subject to the SARA Title III Section 313 supplier notification requirements.

**Comprehensive Environmental Response Compensation and Liability Act (CERCLA, or Superfund):** To the best of our knowledge, this product contains no chemical subject to CERCLA.

**IARC, NTP, OSHA Carcinogens:** None listed.

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**SECTION 16 - OTHER INFORMATION**

**NOTICE FROM GRO TEC, INC.**

The information contained herein is offered only as a guide to the handling of this specific material. Since such information does not relate to use of the material with any other material or in any process, any person using this information must determine for himself its suitability for any particular application. The buyer and user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.

**ABBREVIATIONS KEY:**

N/A = Not available or applicable

N/E = Not established

TLV=Threshold Limit Value

PEL= Permissible Exposure Limit