

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

**ELIMINATOR ANT, ROACH & SPIDER KILLER**

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

MSDS NO. ELI-30

July 2000

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**SECTION 1 - PRODUCT IDENTIFICATION**

Chemtrec Transport Emergency

Telephone: 1-800-424-9300

Non-Transportation Emergency -

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

Poison Control Center

Atlanta: 1-800-282-5846

EPA Reg. Number: 11623-46-59144

Chemical Name: Permethrin

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**SECTION 2 - COMPOSITION**

<u>Component [CAS #]</u>	<u>Percentage</u>	<u>ACGIH Exposure Limit</u>	<u>OSHA Exposure Limit</u>
Permethrin [52645-53-1]	0.25%	None established	None established
Petroleum distillate [8042-41-3]		None established	None established
Propane [74-98-6]	> 5%	1000 ppm	1000 ppm
Butane [106-97-8]	> 20%	800 ppm	800 ppm
Petroleum Distillate [64742-88-7]		None established	None established

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**SECTION 3 - HEALTH HAZARD DATA**

**EMERGENCY OVERVIEW**

Off-white emulsion with an insecticidal odor:

- Contents under pressure.
- Toxic to fish.

**ROUTE(S) OF ENTRY:** Inhalation and skin contact.

**EYES:** May cause irritation.

**SKIN:** May cause mild irritation.

**INHALATION:** May be toxic if inhaled.

**CONDITIONS AGGRAVATED BY EXPOSURE:** None known.

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**SECTION 4 - FIRST AID**

**IF IN EYES:** Flush with plenty of water. Contact a physician if irritation persists.

**IF ON SKIN:** Wash affected areas immediately with soap and water. Get medical attention if irritation persists.

**IF INHALED:** Remove affected person to fresh air. Apply artificial respiration if irritation persists.

**IF INGESTED:** Do not induce vomiting. Get medical attention immediately.

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**SECTION 5 - FIRE & EXPLOSION HAZARDS**

**FLAMMABILITY:** Non-flammable

**FLAMMABILITY LIMITS:** Lower: 1.8%

Upper: 9.5%

**EXTINGUISHING MEDIA:** Foam, Water, CO<sub>2</sub>, Dry Chemical

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

**FIRE AND EXPLOSION HAZARDS:** Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

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**SECTION 6 - SPILL AND LEAK PROCEDURES**

**PROCEDURES FOR CLEANING UP LEAKS AND SPILLS:** Soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

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**SECTION 7 - STORAGE & HANDLING**

**HANDLING:** Avoid spraying in eyes. Avoid breathing spray mist. Avoid contact with skin. Vacate room after treatment and ventilate before reoccupying. Avoid contamination of feed and foodstuffs. Cover or remove fishbowls. This product is not for use on humans. If lice infestation should occur on humans, use a FDA registered product labeled for use on humans. Animals: Do not spray directly in/on eyes mouth or genitalia of pets. Do not treat or cause exposure to kittens or puppies less than 4 weeks old.

**STORAGE:** Store in a cool, dry area. Do not transport or store below 32°F.

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**SECTION 8 - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** None required for normal use.

**VENTILATION:** Maintain adequate ventilation.

**EYE/FACE PROTECTION:** Safety glasses

**SKIN PROTECTION:** Chemical-resistant gloves.

**OTHER/GENERAL PROTECTION:** Wash hands after use.

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**SECTION 9 - PHYSICAL DATA**

**Physical Form:** Liquid

**Color:** Off-white

**Odor:** Insecticidal odor

**Boiling Point:** 212°F

**Specific Gravity:** 0.900 – 1.000

**Vapor Pressure:** 41 – 51 psig

**VOC (% by weight):** < 21%

**Evaporation Rate (BuAc=1):** slower

**pH:** 7.0

**Water Solubility:** Insoluble

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**SECTION 10 - REACTIVITY DATA**

**Stability:** Stable.

**Polymerization:** Will not occur

**CONDITIONS TO AVOID:** Open flames and temperatures > 130°F

**INCOMBATIBILITIES:** Strong oxidizers and strong alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and Carbon dioxide

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

Acute toxicity data is not available for this formulation. Acute toxicity data was bridged from a similar formulation containing 0.50% permethrin.

**EYE IRRITATION (rabbit):** Minimally irritating

**SKIN IRRITATION (rabbit):** Mildly irritating

**DERMAL ABSORPTION:** LD<sub>50</sub> (rabbit) > 2,000 mg/kg

**SKIN SENSITIZATION (guinea pig):** Negative

**ACUTE INGESTION:** LD<sub>50</sub> (rat) > 5,000 mg/kg

**CARCINOGENICITY:** A statistically significant increase in the incidence of lung and liver tumors was observed in female mice receiving diets containing 375 and 750 mg/kg/day of permethrin over 85 weeks.

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**SECTION 12 - ECOLOGICAL INFORMATION**

This product is toxic to fish. Do not apply directly to any body of water when disposing of equipment washwaters.

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**SECTION 13 - DISPOSAL**

Wrap container in several layers of newspaper and dispose of in trash. Do not incinerate or puncture.

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**SECTION 14 - TRANSPORTATION**

Proper Shipping Name: Eliminator Ant, Roach & Spider Killer

Technical Name (if applicable):

UN Initial & Number: Not regulated

Class:

Packing Group:

RQ: Not required

Hazard Labels: None required

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**SECTION 15 - REGULATORY INFORMATION**

**SARA Title III 313 Supplier Notification:** Permethrin, CAS# 52645-53-1, 0.25%

**STATE REGULATIONS:**

**Illinois Toxic Substance List:** Propane

**Massachusetts Hazardous Substance List:** Permethrin, Butane, Propane

**New Jersey Environmental Hazardous Substance List:** Butane, Propane

**New Jersey Special Health Hazard Substance List:** Butane, Propane

**New Jersey Workplace Hazardous Substance List:** Permethrin, Butane, Propane

**Pennsylvania Workplace Hazardous Substance List:** Butane, Propane

**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