

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

ELIMINATOR HORNET & WASP KILLER

This product is used by Homeowners and Professionals

MSDS NO. ELI-20

MAR. 1998

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SECTION 1 - PRODUCT IDENTIFICATION

Chemtrec Transport Emergency

Telephone: 1-800-424-9300

Non-Transportation Emergency - Poison Control Center

Pennington/Gro Tec: 706-342-1234 Atlanta: 1-800-282-5846

EPA Reg. Number: 59144-29

Trade Names: Eliminator Hornet & Wasp Killer

SECTION 2 - COMPOSITION

<u>Component</u>	<u>Percentage</u>	<u>ACGIH Exposure Limit</u>	<u>OSHA Exposure Limit</u>
Tetramethrin [CAS# 7696-12-0]	0.100%	TLV - N/E	PEL - N/E
Permethrin [CAS# 52645-53-1]	0.250%	TLV - N/E	PEL - N/E
Piperonyl butoxide [CAS# 51-03-6]	0.500%	TLV - N/E	PEL - N/E
Petroleum distillate [CAS# 64742-47-8]	> 90%	TLV - N/E	PEL - N/E
Carbon dioxide [CAS# 124-38-9]	> 2%	TLV (TWA) - 5,000 ppm TLV (STEL)-30,000 ppm	PEL(TWA) -5,000 ppm

SECTION 3 - HEALTH HAZARD DATA

EMERGENCY OVERVIEW

A light yellow aerosol odorless to a faint kerosene odor:

- Causes moderate eye irritation
- Prolonged or frequently repeated skin contact may allergic reactions in some individuals.
- Toxic to fish and aquatic invertebrates.
- Combustible. Contents under pressure.

ROUTE(S) OF ENTRY: Skin contact.

EYES: Causes moderate eye irritation.

SKIN: Prolonged or frequently repeated skin contact may allergic reactions in some individuals.

SECTION 4 - FIRST AID

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF ON SKIN: Wash thoroughly with soap and water.

SECTION 5 - FIRE & EXPLOSION HAZARDS

FLASH POINT: 192°F

EXTINGUISHING MEDIA: Carbon dioxide, Dry chemical, Foam or Water.

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

UNUSUAL FIRE OR EXPLOSION HAZARDS: Combustible. 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.

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SECTION 6 - SPILL AND LEAK PROCEDURES

Soak up with an absorbent material and discard in trash.

SECTION 7 - STORAGE & HANDLING

Storage: Do not store near heat or open flame. Store in a cool, dry area away from children.

Storage Temperatures: Ambient (Average Warehouse) Temperatures

Shelf Life: 1-2 years

Handling: Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Do not use in commercial food/feed handling establishments, restaurants or other sites where food/feed is commercially prepared or processed. Not for use in Federally inspected meat and poultry plants.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respirator Type: None required during application.

Eye Protection: Safety glasses or chemical goggles..

Gloves: Chemical-resistant gloves.

Other Protective Equipment: Use in a well-ventilated area.

SECTION 9 - PHYSICAL DATA

Physical Form: Liquid

Color: Light yellow

Vapor Pressure: N/E

Bulk Density: 6.55 lbs/gal

Odor: odorless to faint kerosene

Specific Gravity: 0.79

Flash Point: 192°F

pH: N/A

Solubility (water): N/A

Viscosity: 20.3 cp @ 22°C

SECTION 10 - REACTIVITY DATA

Stability: Stable.

Polymerization: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

LD₅₀ ORAL (rat) > 5,000 mg/kg

LD₅₀ DERMAL (rabbit) > 5,000 mg/kg

4-Hour LC₅₀ INHALATION (rat): > 4.73 mg/L (1-Hour LC₅₀ equivalent > 18.92 mg/L)

EYE IRRITATION (rabbit): Moderately irritating

SKIN IRRITATION (rabbit): Slightly irritating

SKIN SENSITIZATION (guinea pig): Positive

CHRONIC (CANCER INFORMATION): 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 or permethrin technical over 85 weeks.

A statistically significant increase in the number of benign liver tumors appeared in mice fed piperonyl butoxide technical at doses which far exceed any anticipated daily human intake. Independent and industry toxicological experts who have reviewed the data agree that the findings of the study do not indicate a health risk to human beings.

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SECTION 12 - ECOLOGICAL INFORMATION

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water.

SECTION 13 - DISPOSAL

Replace cap, wrap container in several layers of newspaper and discard in trash. Do not incinerate or puncture. Can may be disposed of with other recyclables where local law permits.

SECTION 14 - TRANSPORTATION

Proper Shipping Name: Consumer Commodity

Technical Name (if applicable):

UN Initial & Number:

Class:

Packing Group:

RQ: Not required

Hazard Labels: ORM-D

SECTION 15 - REGULATORY INFORMATION

SARA TITLE III - Section 313:

Tetramethrin (CAS# 7696-12-0), 0.1%

Permethrin (CAS# 52645-53-1), 0.25%

Piperonyl butoxide (CAS# 51-03-6), 0.5%

IARC, NTP, OSHA Carcinogens: None listed

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: None listed

ILLINOIS TOXIC SUBSTANCE LIST: Carbon dioxide

MASSACHUSETTS TOXIC SUBSTANCE LIST: Permethrin, carbon dioxide

NEW JERSEY TOXIC SUBSTANCE LIST: Permethrin, carbon dioxide

PENNSYLVANIA TOXIC SUBSTANCE LIST: Carbon dioxide

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

STEL=Short Term Exposure Limit