

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

MAXIDE Hornet, Wasp & Yellow Jacket Killer

This product is used by Homeowners and Professionals

MSDS NO. MAX-06

APR. 1999

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SECTION 1 - PRODUCT IDENTIFICATION

Chemtrec Transport Emergency

Non-Transportation Emergency - Poison Control Center

Telephone: 1-800-424-9300

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

EPA Reg. Number: 1021-1649-59144

Chemical Name: Mixture

Trade Names: MGK 2695, Multicide®

SECTION 2 - COMPOSITION

<u>Component</u>	<u>Percentage</u>	<u>ACGIH Exposure Limit</u>	<u>OSHA Exposure Limit</u>
Tetramethrin [CAS# 7696-12-0]	0.200%	TLV - 10 mg/m3 (dust)	PEL - 10 mg/m3 (dust)
d-Phenothrin [CAS# 26002-80-2]	0.125%	None Established	None Established
Petroleum distillate [CAS# 64742-47-8]	80 - 90%	300 ppm (supplier recommendation)	

SECTION 3 - HEALTH HAZARD DATA

EMERGENCY OVERVIEW

CAUTION. FLAMMABLE AEROSOL. DO NOT use near heat or open flame or any ignition source. Contents under pressure. DO NOT puncture or incinerate. Exposures to temperatures above 130°F (54.4°C) may cause bursting. Avoid contact with eyes and skin. ALWAYS wear safety glasses and appropriate personal protective equipment when handling this material.

ROUTES OF ENTRY: Ingestion, inhalation and skin contact.

EYES: CAUTION. Can cause temporary irritation, tearing and blurred vision.

SKIN: CAUTION. Can cause a burning sensation on more sensitive areas (face, eyes, mouth). Prolonged or repeated exposure can cause irritation and reddening of the skin, [possibly progressing into dermatitis.

INGESTION: CAUTION. Can cause stomach irritation, resulting in nausea, cramps and vomiting. Can cause nervous system disorders, such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness.

INHALATION: CAUTION. Excessive inhalation can cause nasal and respiratory irritation, nausea and nervous disorders, such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness.

SIGNS AND SYMPTOMS: Overexposure by eye contact may initially include eye irritation with discomfort, tearing, or blurring of vision. Overexposure by skin contact may initially include a transient (several minutes up to approximately 24 hours) persistent burning or prickling sensation which may be accompanied by visible irritation or rash. Overexposure by ingestion may initially include nonspecific discomfort, such as nausea, vomiting, headache or weakness; temporary nervous system effects such as muscular weakness, tremors and incoordination. Individuals with preexisting disease of the liver, kidneys, skin or peripheral nervous system may have increased susceptibility to the toxicity of excessive exposures.

SECTION 4 - FIRST AID

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting due to aspiration pneumonia hazard. Never give anything by mouth to an unconscious person.

IF IN EYES: Immediately flush with large amounts of water for at least 15 minutes. If irritation persists, get medical attention.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, get medical attention. Wash clothing separately before reuse.

IF INHALED: Remove affected person to fresh air. Give oxygen, if necessary. If breathing has stopped, administer artificial respiration and seek medical attention immediately.

NOTE TO PHYSICIAN: None

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SECTION 5 - FIRE & EXPLOSION HAZARDS

FLASH POINT: N/A

METHOD: Fisher Tag Closed Cup

This product is classified as a flammable aerosol.

EXTINGUISHING MEDIA: Foam, carbon dioxide, or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Treat as a oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream. Contain the run-off, if possible, for proper disposal.

HAZARDOUS COMBUSTION PRODUCTS: This aerosol is flammable and under combustion may decompose to give off toxic gases such as carbon monoxide, carbon dioxide and nitrogen oxides.

SECTION 6 - SPILL AND LEAK PROCEDURES

SMALL SPILL: Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

LARGE SPILL: Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

WASTE DISPOSAL METHOD: Contaminated absorbent and wash watershould be disposed of according to local, state and federal regulations.

SECTION 7 - STORAGE & HANDLING

Storage: Store containers upright and closed. Store in areas that are cool, dry and well-ventilated. Keep away from heat, ignition sources. Emptied containers may retain product residues. **Exposures to temperatures above 130°F may cause bursting.**

Handling: Wear rubber gloves. Wear OSHA-approved safety glasses, goggles or face shield. Mechanical ventilation should be used when handling this product in enclosed spaces. Wearing a respirator is not required when handling this product, unless product is producing mists. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the label. Do not use near open heat or flame. Do not puncture oir incinerate container.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Engineering Controls: Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

Respiratory Protection: NIOSH approved organic vapor respirator.

Eye Protection: Wear OSHA-approved safety glasses, goggles or face shield.

Skin Protection: Wear rubber glovesand protective clothing.

SECTION 9 - PHYSICAL DATA

Appearance: Aerosol content is a light amber liquid.

Odor: Petroleum distillate

Physical State: Liquid

Vapor Pressure: N/A

Vapor Density: N/E

Boiling Point: N/E

Melting Point: N/A

Solubility (H₂O): Insoluble

Specific Gravity: 0.786 (non-volatiles)

Color (Gardener): 1.0

pH: N/A

Viscosity: 8.5 cps. @ 22°C (non-volatiles)

Refractive Index: 1.4371 @ 25°C (non-volatiles)

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SECTION 10 - REACTIVITY DATA

Stability: Stable.

Polymerization: Will not occur

Incompatibility: Not compatible with strong acidic or alkaline materials. Not compatible with strong oxidizers.

Hazardous Decomposition Products: Not applicable.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE STUDIES:

LC₅₀ Inhalation (rat): > 5.14 mg/l

LD₅₀ Ingestion (rat) >5.0 gm/kg

LD₅₀ Absorption (rat) > 2 gm/kg

Primary Skin Irritation (rabbit): Primary Skin irritation index = 1.11

Dermal Sensitization (guinea pig): Probably not a sensitizer

Eye Irritation (rabbit): Conjunctival irritation clearing at 72 hours

CHRONIC STUDIES:

Carcinogenicity: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Hazards: This product is toxic to fish and other aquatic invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

SECTION 13 - DISPOSAL

Disposal: This product should be disposed of according to local, state and federal regulations. When disposing of waste or surplus, avoid contact with eyes and skin. Wear impervious gloves/clothing and chemical safety goggles. Do not wash into drains. Do not mix with other waste materials.

SECTION 14 - TRANSPORTATION

Proper Shipping Name: Consumer Commodity

Technical Name (if applicable):

UN Initial & Number: Class: Packing Group: RQ: Required (Diazinon)

Hazard Labels: ORM-D

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SECTION 15 - REGULATORY INFORMATION

SARA Title III:

Section 302:

Not listed

Section 313:

This product contains the following toxic chemicals of the subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

d-Phenothrin, CAS# 26002-80-2, 0.125% by weight

Tetramethrin, CAS# 7696-12-0, 0.200% by weight

VOLATILE ORGANIC COMPOUNDS: This product contains no more than 1.5% VOCs.

HMIS RATING:

Health: 1

Flammability: 3

Reactivity: 1

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