



**VOLUNTARY PURCHASING GROUPS, INC.**

## **Safety Data Sheet Ferti-lome® MosquitoGo® Yard Fogger**

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### **SECTION 1: Identification**

#### **GHS Product identifier**

Product name	Ferti-lome® MosquitoGo® Yard Fogger
Product number	10042
Brand	Ferti-lome®

#### **Other means of identification**

EPA# 1021-1667-7401

#### **Recommended use of the chemical and restrictions on use**

Liquefied insecticides for Residential Use Only

#### **Supplier's details**

Name	Voluntary Purchasing Groups, Inc.
Address	230 FM 87 Bonham TX 75418 USA
Telephone	855-270-4776

#### **Emergency phone number**

In the event of a medical or chemical emergency contact ChemTel, Inc.  
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

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### **SECTION 2: Hazard identification**

#### **General hazard statement**

CAUTION. Contents under pressure. DO NOT use or store near heat, sparks, open flame, or any other ignition sources. Harmful if absorbed through the skin. Avoid contact with skin, eyes, and clothing. Do not expose to temperatures above 130°F (54.4°C) as bursting may occur. Do not puncture or incinerate container.

#### **Classification of the substance or mixture**

#### **GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)**

- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, oral, Cat. 4

#### **GHS label elements, including precautionary statements**

#### **Pictograms**

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### Hazard statement(s)

H332	Harmful if inhaled
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

### Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P301+P312	IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,
P330	Rinse mouth.
P501	Dispose of contents/container to ...
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P272	Contaminated work clothing must not be allowed out of the workplace.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P102	Keep out of reach of children.
P103	Read label before use.

## SECTION 3: Composition/information on ingredients

### Mixtures

#### Hazardous components

Component	Concentration
<b>Permethrin (CAS no.: 52645-53-1; EC no.: 258-067-9; Index no.: 613-058-00-2)</b>	<b>Not specified</b>
CLASSIFICATIONS: Acute toxicity, inhalation, Cat. 4; Acute toxicity, oral, Cat. 4; Sensitization, skin, Cat. 1; Hazardous to the aquatic environment, short-term (acute), Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 1. HAZARDS: H302 - Harmful if swallowed; H317 - May cause an allergic skin reaction; H332 - Harmful if inhaled; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects. [SCLs/M-factors/ATEs]: M=1000	
<b>Tetramethrin (CAS no.: 7696-12-0)</b>	<b>Not specified</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

#### Trade secret statement (OSHA 1910.1200(i))

Permethrin - \*\*Cis-trans isomers ratio: Min. 35% (+ or -) cis and Max. 65% (+ or -) trans

## SECTION 4: First-aid measures

### Description of necessary first-aid measures

General advice	Call a poison control center or doctor for treatment advice. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment. Never give
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fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur, seek medical attention immediately.

If inhaled	Move person to fresh air. If person is not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a poison control center or doctor for treatment advice.
In case of skin contact	Wash skin with soap and plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
In case of eye contact	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
If swallowed	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice.
Personal protective equipment for first-aid responders	Respiratory Protection: NIOSH/MSHA approved for protection against toxic dusts containing quartz. Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL. Protective Gloves: PVC or Neoprene. Eye Protection: Safety glasses or goggles (ANSI Z87.1 1979) Other Protective Clothing or Equipment: Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

### Most important symptoms/effects, acute and delayed

No information available.

### Indication of immediate medical attention and special treatment needed, if necessary

No information available.

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## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

This aerosol is classified as NON-FLAMMABLE by the Flame-Extension Test Method described in 16 CFR1500.45. Foam, carbon dioxide, or dry chemical.

### Specific hazards arising from the chemical

Under fire conditions this product may support combustion and may decompose to give off toxic gases such as Carbon Monoxide, Carbon Dioxide and nitrogen oxides. Chlorine gas and Hydrogen Chloride may also be formed under fire conditions.

### Special protective actions for fire-fighters

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Treat as an 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.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Respiratory Protection: NIOSH/MSHA approved for protection against toxic dusts containing quartz. Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL. Protective Gloves: PVC or Neoprene. Eye Protection: Safety glasses or goggles (ANSI Z87.1 1979) Other Protective Clothing or Equipment: Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

### Environmental precautions

This product is toxic to fish and other aquatic organisms. Do not apply to any body of water. Do not contaminate water by disposing of wastes.

### Methods and materials for containment and cleaning up

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.

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## SECTION 7: Handling and storage

### Precautions for safe handling

Contents under pressure. DO NOT use near heat, sparks, open flame, or any other ignition source. Take prudent precautions to avoid contact with skin, eyes and clothing. Mechanical ventilation should be used when handling this product in enclosed spaces. Take prudent precautions to avoid breathing vapors or spray mists of this product. Wearing a respirator is not required when handling this product, but recommended in absence of good mechanical ventilation. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the label.

### Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks, and open flame. Contents under pressure. Exposure to Temperatures above 130°F (54.4°C) may cause bursting. Store containers upright and closed. Store in areas that are cool, dry and well ventilated. Keep away from heat, ignition sources, strong oxidizers and strong acids and bases. Emptied containers may retain product residues. Do not puncture or incinerate container.

### Specific end use(s)

Keep out of reach of children. Do not swallow. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Wash thoroughly after handling.

DO NOT SMOKE, EAT, DRINK OR APPLY COSMETICS IN WORK AREA!

Wash Promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking, or using the toilet.

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## SECTION 8: Exposure controls/personal protection

### Appropriate engineering controls

Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL.

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### Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Safety glasses or goggles with side shields.

#### Skin protection

PVC or Neoprene gloves (chemical resistant)

#### Body protection

Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

#### Respiratory protection

NIOSH/MSHA approved for protection

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## SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Off-white, thick, creamy texture Liquefied gases and liquid
Odor	Petroleum distillate
Odor threshold	No information available.
pH	7.1
Melting point/freezing point	No information available.
Initial boiling point and boiling range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	8280 CPS @ 24°C (75.2°F)
Vapor density	Heavier than air.
Relative density	No information available.
Solubility(ies)	No information available.No information available.
Partition coefficient: n-octanol/water	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	No information available.
Viscosity	No information available.
<b>Additional properties</b>	
Color	Off-white

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## SECTION 10: Stability and reactivity

#### Reactivity

Stable under normal conditions.

#### Chemical stability

Stable.

#### Possibility of hazardous reactions

HAZARDOUS POLYMERIZATION: Will not occur

#### Conditions to avoid

No information available.

#### Incompatible materials

Strong acidic, alkaline materials. Not compatible with strong oxidizers.

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### Hazardous decomposition products

No information available.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### INGESTION:

Acute Oral LD50 (Albino rat) > 5.0 g/kg

##### SKIN:

Acute Dermal LD50 (Albino rabbit) >2.0 g/kg

Primary skin irritation (rabbit): No irritation at 72 hours. Irritation Index = 0.04

Dermal Sensitization (guinea pig): Negative; Not a dermal sensitizer.

##### INHALATION:

Acute Inhalation LC50 (rat) 4 hrs. >3.62 mg/L. Rats exposed for 4 hours to test atmosphere.

##### EYE:

Primary eye irritation (rabbit): Irritation clearing in less than 24 hours.

#### Skin corrosion/irritation

SKIN: Can cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).

SKIN ABSORPTION: Harmful if absorbed through the skin.

#### Serious eye damage/irritation

Can cause temporary irritation, tearing, and blurred vision.

#### Respiratory or skin sensitization

May be harmful if swallowed. Excessive inhalation of vapors or spray mists may cause nasal and respiratory irritation.

#### Germ cell mutagenicity

No information available.

#### 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.

#### Reproductive toxicity

No information available.

#### Specific target organ toxicity (STOT) - single exposure

No information available.

#### Specific target organ toxicity (STOT) - repeated exposure

No information available.

#### Aspiration hazard

No information available.

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## SECTION 12: Ecological information

### Toxicity

This product is toxic to fish and other aquatic organisms. Do not apply to any body of water. Do not contaminate water by disposing of wastes.

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### SECTION 13: Disposal considerations

#### Disposal methods

#### Product disposal

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

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### SECTION 14: Transport information

#### DOT (US)

Not regulated.

#### IMDG

Not regulated.

#### IATA

Not regulated.

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### SECTION 15: Regulatory information

#### Safety, health and environmental regulations specific for the product in question

#### Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: 3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid, (3-phenoxy-phenyl)methyl ester  
CAS number: 52645-53-1

TRI listing: X-reportable; CERCLA listing: unlisted; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: Added to TURA and TRI RY1995

#### New Jersey Right To Know Components

Common name: Permethrin

CAS number: 52645-53-1

#### Massachusetts Right To Know Components (105 CMR 670)

Chemical name: Permethrin

CAS number: 52645-53-1

Asterisk: no; Refs: 8

#### Water hazard class (WGK, Germany)

Chemical name: Permethrin, cas number: 52645-53-1

WGK hazard class: WGK 3 - Extremely hazardous to water

#### Minnesota Chemicals of High Concern (Minn. Stat. 116.9401)

Chemical name: Permethrin

CAS number: 52645-53-1

Hlth: liver

#### Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: 2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2h-isoindol-2-yl)methyl ester

CAS number: 7696-12-0

TRI listing: X-reportable; CERCLA listing: unlisted; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: Added to TURA and TRI RY1995

#### New Jersey Right To Know Components

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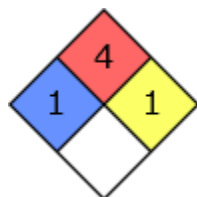
## Ferti-lome® MosquitoGo® Yard Fogger

Common name: Tetramethrin  
CAS number: 7696-12-0

### HMIS Rating

Ferti-lome® MosquitoGo® Yard Fogger	
HEALTH	1
FLAMMABILITY	4
PHYSICAL HAZARD	1
PERSONAL PROTECTION	

### NFPA Rating



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## SECTION 16: Other information

### Further information/disclaimer

Voluntary Purchasing Groups, Inc. believes the information presented herein is accurate and correct as of the document date. The presented information is based upon available data from reliable sources. Voluntary Purchasing Groups, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.