

# SAFETY DATA SHEET



the ferti-lome people

## Ferti-lome® Flying Insect Killer

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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: August 10, 2015

### 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT:** Ferti-lome Flying Insect Killer  
**EPA Reg. No.:** 1021-1588-7401

#### COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, TX. 75418

### 2. HAZARDOUS IDENTIFICATIONS:

#### Classification

#### OSHA Regulatory Status:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Acute toxicity – Inhalation (Dust/Mists)	Category 3
Gases under pressure	Liquefied gas
Flammable aerosol	Category 2

#### Label elements

#### Emergency Overview

### DANGER

#### Hazard statements

- H331 – Toxic if inhaled
- H280 – Contains gas under pressure; may explode if heated
- H223 – Flammable aerosol
- H401 – Toxic to aquatic life
- H411 – Toxic to aquatic life with long lasting effects



**Appearance:** Milky white (Aerosol Non-volatiles)

**Physical state:** Aerosol – Compressed liquefied gas

**Odor:** Solvent

#### Precautionary Statements - Prevention:

- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
- P271 - Use only outdoors or in a well-ventilated area
- P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P211 - Do not spray on an open flame or other ignition source
- P251 - Pressurized container: Do not pierce or burn, even after use

#### Precautionary Statements - Response:

- P321 - Specific treatment (see Section 4/ First Aid).
- P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

# SAFETY DATA SHEET



the ferti-lome people

## Ferti-lome® Flying Insect Killer

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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: August 10, 2015

P311 - Call a POISON CENTER or doctor/physician  
P370 + P378 - In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

### Precautionary Statements - Storage:

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F  
P403 - Store in a well-ventilated place  
P405 - Store locked up

### Precautionary Statements - Disposal:

P501 - Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC):

Not applicable.

### 3. COMPOSITION, INFORMATION OF INGREDIENTS:

Chemical Name	CAS No	Weight-%
Tetramethrin (NEO-Pynamin®)	7696-12-0	0.250
d-Phenothrin (SUMITHRIN®)	26002-80-2	0.150
Petroleum distillates, hydrotreated light	64742-47-8	< 10 *
Propane	74-98-6	5<--->10 *
Isobutane	75-28-5	10<--->20 *

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

Comments: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

### 4. FIRST AID MEASURES:

**Aspiration pneumonia hazard:** No information available

#### Description of first aid measures:

**Eye contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Ingestion:** If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give **any** liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Self-protection of the First Responder:** Remove all sources of ignition.

# SAFETY DATA SHEET



the ferti-lome people

## Ferti-lome® Flying Insect Killer

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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: August 10, 2015

**Note to physicians:** For skin effects, a highly efficient therapeutic agent for Pyrethrin/ Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

### 5. FIRE FIGHTING MEASURES:

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media:**

Caution: Use of water spray when fighting fire may be inefficient.

**Hazardous combustion products:** Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

#### Specific hazards arising from the chemical

No information available.

#### Explosion data

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** None.

#### Protective equipment and precautions for firefighters:

*In the event of fire and/or explosion do not breathe fumes.*

<b>NFPA</b>	Health hazards 3	Flammability 4	Instability 0	<b>Physical and Chemical Properties</b>
<b>HMIS</b>	Health hazards 2 *	Flammability 4	Physical hazards 0	<b>Personal protection</b>
<b>Chronic Hazard Star Legend</b> * = Chronic Health Hazard				X

### 6. ACCIDENTAL RELEASE MEASURES:

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

#### Methods and material for containment and cleaning up

**Methods for containment:** Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up:** Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

### 7. HANDLING AND STORAGE:

#### Precautions for safe handling

# SAFETY DATA SHEET



the ferti-lome people

## Ferti-lome® Flying Insect Killer

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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: August 10, 2015

**Advice on safe handling:** Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions:** Keep tightly closed in a dry and cool place. Keep in properly labeled containers.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

#### Control parameters

**Exposure Guidelines:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Supplier OEL
Petroleum distillates, hydrotreated light 64742-47-8	-	-	-	TWA: 100 ppm TWA: 525 mg/m <sup>3</sup>
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup>	-
Isobutane 75-28-5	STEL: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>	-

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

#### Appropriate engineering controls

**Engineering Controls:** Safety showers  
Eyewash stations  
Ventilation systems

#### Individual protection measures, such as personal protective equipment

**Eye/face protection:** Tight sealing safety goggles.

**Skin and body protection:** Wear protective gloves and protective clothing.

**Respiratory protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene

# SAFETY DATA SHEET



the ferti-lome people

## Ferti-lome® Flying Insect Killer

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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: August 10, 2015

Considerations: When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

#### Information on basic physical and chemical properties:

**Physical state:** Aerosol - Compressed liquefied gas.  
**Appearance:** Milky white (Aerosol Non-volatiles)  
**Odor:** Solvent  
**Odor threshold:** No information available  
**Color (Gardner Scale):** No information available

<u>Property:</u>	<u>Values:</u>	<u>Comment:</u> <input type="checkbox"/> <u>Method</u>
<b>pH:</b>	6.65	Test was performed on aerosol Non-Volatile's.

<b>Melting point / freezing point:</b>	No information available	
<b>Boiling point / boiling range:</b>	No information available	
<b>Flash point:</b>	> 93.3 °C / > 200.0 °F	Tag Closed Cup; Test was performed on aerosol Non-Volatile's;

<b>Evaporation rate:</b>	No information available	
<b>Flammability (solid, gas):</b>	No information available	
<b>Upper flammability limit (UEL):</b>	No information available	
<b>Lower flammability limit (LEL):</b>	No information available	
<b>Vapor pressure:</b>	No information available	
<b>Vapor density:</b>	No information available	
<b>Specific Gravity:</b>	No information available	
<b>Partition coefficient; n-Octanol/ Water:</b>	No information available	
<b>Autoignition temperature:</b>	No information available	
<b>Decomposition temperature:</b>	No information available	
<b>Kinematic viscosity:</b>	No information available	
<b>Dynamic viscosity:</b>	14,493.3 cPs @ 25.0°C.	Test was performed on aerosol Non-Volatile's.
<b>Refractive Index:</b>	No information available	

#### Other Information:

**Density:** 0.949 g/cm<sup>3</sup> @ 20.0 °C (Aerosol Non-volatiles)  
**VOC Content (%):** 19.5

#### Miscibility/ Solubility:

**Water:** Partially miscible  
**Alcohol:** Partially miscible  
**Aromatic solvents:** Partially miscible  
**Petroleum distillates:** Partially miscible

### 10. STABILITY & REACTIVITY DATA:

#### Reactivity

No data available

# SAFETY DATA SHEET



the ferti-lome people

## Ferti-lome® Flying Insect Killer

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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: August 10, 2015

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous polymerization:** Hazardous polymerization does not occur.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials:

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

### Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION:

### Numerical measures of toxicity - Product Information

Oral LD <sub>50</sub>	>5,000 mg/kg (rat)
Dermal LD <sub>50</sub>	>2,000 mg/kg (rabbit)
Inhalation LC <sub>50</sub>	> 0.6 mg/ L, but < 2.02 mg/ L (rat; 4 hours)
Eye contact:	Irritation clearing in 72 hours. (rabbit).
Skin Contact:	Slight irritation at 72 hours. (rabbit).
Skin Irritation Index:	1.46

**Sensitization:** Negative. (guinea pig).

**Comment:** Toxicology data was bridged from a similar formula.

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity:	No information available.
Developmental Toxicity	No information available.
Teratogenicity:	No information available.
STOT - single exposure:	No information available.
STOT - repeated exposure:	No information available.
Target Organ Effects:	Central nervous system.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

# SAFETY DATA SHEET



the ferti-lome people

## Ferti-lome® Flying Insect Killer

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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: August 10, 2015

Chemical Name	Partition coefficient; n-Octanol/ Water:
d-Phenothrin (SUMITHRIN®) 26002-80-2	6.8
Propane 74-98-6	2.3
Isobutane 75-28-5	2.88

**Other adverse effects:** No information available

### Environmental hazards (EPA):

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### 13. DISPOSAL INFORMATION:

#### Waste treatment methods

**Disposal of wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations. For more information, see product label.

**Contaminated packaging:** For more information, see product label.

### 14. TRANSPORTATION INFORMATION:

#### DOT (Department of Transportation)

**UN/ID Number:** UN1950  
**Proper Shipping Name:** Aerosols, non-flammable  
**Hazard Class:** 2.2

#### Air (IATA/ ICAO)

**UN/ID Number:** UN1950  
**Proper Shipping Name:** Aerosols, non-flammable  
**Hazard Class:** 2.2

**Vessel (IMO/ IMDG)** Not available

### 15. REGULATORY INFORMATION:

#### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

# SAFETY DATA SHEET



the ferti-lome people

## Ferti-lome® Flying Insect Killer

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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: August 10, 2015

Acute health hazard	No
Chronic Health Hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	Yes
Reactive Hazard	No

### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations:

#### California Proposition 65:

This product does not contain any Proposition 65 chemicals

### U.S. EPA Label Information:

EPA Registration Number: 1021-1587

### Difference between SDS and EPA (FIFRA) Pesticide label:

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use. The hazard information required on the pesticide label is reproduced below: Signal

word: **CAUTION**

### Precautionary Statements:

- Harmful if absorbed through the skin

### International:

<b>TSCA</b>	Complies <b>DSL/NDSL</b>
Does not comply <b>EINECS/ELINCS</b>	
Complies	
<b>ENCS</b>	Does not comply
<b>IECSC</b>	Complies
<b>KECL</b>	Does not comply <b>PICCS</b>
Does not comply <b>AICS</b>	
Complies	

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances



# SAFETY DATA SHEET



the ferti-lome people

## Ferti-lome® Flying Insect Killer

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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: August 10, 2015

**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### 16. OTHER INFORMATION:

**Issue Date:**

30-Jul-2015

**Revision Date:**

07-AUG-2015

**Revision Note:**

New SDS, GHS - Classification.

**Disclaimer:** The data contained herein are based on information currently available to Voluntary Purchasing Groups, Inc. and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which Voluntary Purchasing Groups, Inc. assumes legal responsibility.

**End of Safety Data Sheet.**