

SAFETY DATA SHEET



the ferti-lome people

Ferti-lome® Indoor/Outdoor Multi-purpose Insect Spray

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: June 28, 2016

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Ferti-lome® Indoor/Outdoor Multi-purpose Insect Spray
EPA Reg. No.: 1021-2685-7401

COMPANY IDENTIFICATION:

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

2. HAZARDOUS IDENTIFICATIONS:

EMERGENCY OVERVIEW

AN OFF-WHITE AEROSOL

CAUTION:

- HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN
- CAUSES EYE IRRITATION
- UNDER PRESSURE
- COMBUSTIBLE
- FLAMMABLE
- KEEP OUT OF REACH OF CHILDREN

POTENTIAL HEALTH EFFECTS

Acute Toxicity (Primary Routes of Exposure): Inhalation, ingestion, eye and skin contact

Signs and Symptoms of Systemic Effects: May cause gastrointestinal effects such as nausea, vomiting and diarrhea, yellow nasal discharge and activity decrease. Inhalation of high vapor or mist concentrations can cause respiratory tract and eye irritation as well as central nervous system effects (drowsiness, dizziness, nausea, head aches and loss of consciousness) including death.

Eye: Causes moderate eye irritation.

Skin: Minimally irritating. Prolonged or repeated contact may result in contact dermatitis which is characterized by dryness, chapping and reddening.

Ingestion: Harmful if swallowed. Not an expected route of exposure for an aerosol product.

Inhalation: May be harmful if inhaled in excess.

CARCINOGENICITY INFORMATION:

This product is considered to have a low oncogenic potential. None of the components known present in this material at concentrations equal to or greater than 0.1% are listed as a carcinogen by the National Toxicology Program (NTP), the International agency for Research on Cancer (IARC), The Occupational Safety and Health Administration (OSHS) or ACGIH.

3. COMPOSITION, INFORMATION OF INGREDIENTS:

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Ingredient Name (CAS #) [Chemical Name]	Weight Percent	ACGIH Exposure Limit	OSHA Exposure Limit
Permethrin (52645-53-1) * (3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate] Synthetic Pyrethroid	= 0.50	None established	None established
Inert Ingredients Containing: **	= 99.50		
Isobutane (75-28-5) † [2-Methylpropane 1,1-Dimethylethane Trimethylmethane]	< 15.00	1,000 ppm	1,000 ppm
Propane (74-98-6) † (LPG) Dimethyl Methane, Liquefied Petroleum Gas	< 15.00	Simple asphyxiant	1,000 ppm
Synthetic Isoparaffinic Hydrocarbon † (64742-47-8)	< 15.00	1200 mg/m ³ Manufacturers recommended	1200 mg/m ³ Manufacturers recommended
Technical White Oil † (8042-47-5)	< 15.00	5.0 mg/m ³	None established

* Active Ingredient

** Other ingredients, which are maintained as trade secrets, are any substances other than an active ingredient contained in this product. Some of these may be hazardous, but their identity is withheld because they are considered trade secrets. The hazards associated with the other ingredients are addressed in this document. Specific information on other ingredients for the management of exposures, spills, or safety assessments can be obtained by a treating physician or nurse by calling (within the United States) or (outside the United States) at any time.

† Alternate formulas, in which chemical noted may or may not be present.

4. FIRST AID MEASURES:

EYES: 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: 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: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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INHALATION: Move 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.

NOTES TO PHYSICIAN: Contains petroleum distillate – vomiting may cause aspiration pneumonia.

HINTS FOR THE PHYSICIAN: This product contains a Pyrethroid pesticide. If a small amount is ingested (or if treatment is delayed), oral administration of large amounts of activated charcoal and a cathartic is probably sufficient therapy. If large amount are ingested and vomiting has not occurred, emesis should be induced with supervision. Keep patient's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

Do not administer milk, cream or other substances containing vegetable or animal fats. These only enhance absorption of lipophilic substances.

If localized paresthesia develops, thoroughly wash site with soap and water. Cold cream can be applied to help diminish the effect.

5. FIRE FIGHTING MEASURES:

FLASH POINT: NA°F (NA°C) **METHOD:** TCC **FLAME EXTENTION:** Negative

AUTOIGNITION: NA

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, or Water

FLAMMABLE LIMITS (% by volume in air): Lower: NA Upper: NA

FIRE AND EXPLOSION HAZARDS:

Contents under pressure. Do not use or store near hear 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.

FIRE FIGHTING INSTRUCTIONS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear. Keep upwind. Isolate hazard area. Avoid inhalation of smoke and fumes. Use water or foam to reduce fumes. Do not touch spilled material. If possible, move containers from area. Extinguish only if flow can be stopped. Use flooding amounts of water as a fog. Cool containers with flooding amounts of water from as far a distance as possible. Avoid breathing vapors.

HAZARDOUS COMBUSTION PRODUCTS: May form toxic materials: Carbon dioxide and carbon monoxide, various hydrocarbons, etc. carbon monoxide, various hydrocarbons, etc.

6. ACCIDENTAL RELEASE MEASURES:

OBSERVE PRECAUTIONS IN SECTION 8: PERSONAL PROTECTION

If it is safe to do so:

- Evacuate non-essential personnel from the area to prevent human exposure.
- Remove all sources of ignition.
- Ventilate area.

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- Stop the source of the spill. Contain the spill to prevent further contamination of the soil, surface water, or ground water.
- May produce slippery conditions.

GENERAL AND DISPOSAL: Use proper protective equipment to minimize personal exposure (see Section 8). Take all necessary action to prevent and to remedy the adverse effect of the spill. Ensure that the disposal is in compliance with all Federal, Provincial, and local regulations (See Section 13 for applicable RCRA Number). Refer to Section 15 for applicable Reportable Quantity (RQ) and other regulatory requirements.

SPILL OR LEAK

CONTAINMENT:

If can is punctured or leaking soak up liquid with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Place in an approved chemical waste container for disposal. Do not allow spill material to enter any body of water.

CLEANUP:

Rinse spill area with small amount of soapy water or neutralizing agent. Contain and absorb the rinsate with inert absorbents and place into the same disposal container. Area can be washed with water to remove the last trace residue. Do not allow water to contaminate water supplies or sewers.

Recommended Neutralizing Agent: Dilute alkaline (base) solution.

7. HANDLING AND STORAGE:

END USER MUST READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL

HANDLING PRECAUTIONS (Based on EPA Guidelines):

Harmful if swallowed or absorbed through skin. Avoid inhalation of spraymist. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing (dust vapor or spray mist).

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 possibility of shock hazard. Use appropriate personnel protective equipment. Avoid contamination of feed and foodstuff. Toxic to fish, do not apply directly to water.

STORAGE PRECAUTIONS: Store in a cool, dry area away from children and pets and away from heat, sparks and open flame. Do not transport or store below 32°F. Exposure to temperatures above 130°F may cause bursting.

WORK/HYGIENIC PRACTICES: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

END USER MUST READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL

EYE PROTECTION: Not required with normal use, unless label directs otherwise.

RESPIRATION/VENTILATION: Use in accordance with product label.

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SKIN PROTECTION: Not required with normal use, unless label directs otherwise.

OTHER/GENERAL PROTECTION: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	White to off white
ODOR:	Mild, mothball-like
PHYSICAL STATE:	Aerosol, liquid
SOLUBILITY (H ₂ O):	Soluble
pH:	4.7
DENSITY/SPECIFIC GRAVITY	7.92 lb/gal @ 25°C
VISCOSITY	NA

10. STABILITY & REACTIVITY DATA:

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat and sources of ignition.

INCOMPATIBILITY: Strong oxidizing agents and acids.

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials: Carbon dioxide and carbon monoxide, various hydrocarbons, etc.

OXIDATION/REDUCTION PROPERTIES: Product does not have the potential to act as a strong oxidizing or reducing agent.

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION:

ACUTE (Product Specific Information):

Oral Toxicity LD ₅₀ (rat):	> 5,000 mg/kg	IV EPA Tox Category Dermal Toxicity LD ₅₀	
(rabbit):	> 2,000 mg/kg	III EPA Tox Category Inhalation Toxicity LC ₅₀ (rat):	> 4.84 mg/L
IV EPA Tox Category Eye Irritation (rabbit):	Minimal irritant	III EPA Tox Category	
Skin Irritation (rabbit):	Minimal irritant	IV EPA Tox Category Skin Sensitization	
(guinea pig):	Non-sensitizer		

TOXICITY OF ACTIVE INGREDIENT: PERMETHRIN:

CHRONIC/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 technical over 85 weeks.

TERATOGENICITY: Permethrin was not teratogenic when tested in rats.

MUTAGENICITY: Permethrin did not produce any mutagenic effects when tested in the Ames test.

CARCINOGENICITY: NTP: No IARC: No OSHA: No

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

ACUTE AND LONG-TERM TOXICITY TO FISH AND INVERTEBRATES:

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This product is highly toxic to fish.

OTHER ENVIRONMENTAL INFORMATION:

Do not apply directly to water. Do not contaminate water by disposal of wastes.

13. DISPOSAL INFORMATION:

PRODUCT DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONTAINER DISPOSAL:

Do not incinerate or puncture. If empty: Place in trash or offer for recycling if available. This container may be recycled in aerosol recycling centers. At present, there are only a few such centers, in the country. Before offering for recycling, empty the can by using the product according to the label.

14. TRANSPORTATION INFORMATION:

DOT PROPER SHIPPING NAME: Consumer Commodity

RQ: NA

DOT HAZARD CLASS: ORM-D UN/NA NUMBER: NA

REMARKS: NA

EXEMPTION REQUIREMENT: 49 CFR 173.306

15. REGULATORY INFORMATION:

REGULATIONS UNDER FIFRA: All pesticides are governed under FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act). Therefore, the regulations presented below are pertinent only when handled outside of the normal use and applications of pesticides. This includes waste streams resulting from manufacturing/formulation facilities, spills or misuse of products, and storage of large quantities of products containing hazardous or extremely hazardous substances.

EPA Registration Number: 1021-2685-7401

OTHER U.S. FEDERAL REGULATIONS:

Chemical Name	RCRA-U Series Waste:	Clean Water Act-Hazardous Substances:	Clean Water Act Section 307:
Permethrin * (52645-53-1)	None	Not Listed	Not Listed
Others **	None	Not Listed	Not Listed

CWA Section 311:

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Chemical Name	SARA 313 Chemicals:	SARA Section 302:	CERCLA reportable Quantity (RQ):
Permethrin* (52645-53-1)	1.0% de minimis concentration	Not Listed	None
Others **	None	Not Listed	None

SARA (311. 312)

Immediate Health: Yes
Chronic Health: No
Fire: Yes
Sudden Pressure: Yes
Reactivity: No

Chemical Name	IARC – Goup 1 (Carcinogenic to humans)	IARC – Group 2 (Probably carcinogen)	IARC- Group 2B (possibly carcinogenic)	NTP Carcinogen List
Permethrin * (52645-53-1)	No	No	No	Not Listed
Others **	No	No	No	Not Listed

STATE REGULATIONS: Each state may promulgate standards more stringent than the federal government. Therefore, the user should consult state or local authorities. The state regulations reviewed include: California Proposition 65, California Directors List of Hazardous Substances, Massachusetts Rights to Know, Michigan Critical Materials List, New Jersey Right to Know, Pennsylvania Right to Know, Rhode Island Right to Know and the Minnesota Hazardous Substance list. For Washington State Right to Know see Section 2 for Exposure Limit Information. For Louisiana Right to Know refer to SARA information Listed under U.S. Regulations above.

Chemical Name	California Proposition 65	California Directors List of Hazardous Substances	NJ Environmental Hazardous Substances List
Permethrin * (52645-53-1)	Not Listed	Not Listed	Not Listed
Others **	Not Listed	Not Listed	Not Listed

Chemical Name	MN Hazardous Substance list	MA Rights to Know	MI Critical Materials List
Permethrin * (52645-53-1)	Not Listed	Present	Not Listed
Others **	Not Listed	Not Listed	Not Listed

Chemical Name	NJ Right to Know	PA Right to Know	RI Right to Know
Permethrin * (52645-53-1)	Not Listed	Not Listed	Not Listed
Others **	Not Listed	Not Listed	Not Listed

California proposition 65: Not Listed

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CHEMICAL INVENTORY INFORMATION:

TSCA Inventory List – Registered pesticide, exempt from TSCA

Chemical Name	Canada NDSL Inventory List	Canada DSL Inventory List	EINECS Inventory List
Permethrin * (52645-53-1)	Not Listed	Not Listed	Present/258-067-9
Others **	Not listed	Present (64742-47-8; 8042-47-55)	Present/265-149-8; 232-445-8

CANADIAN REGULATIONS:

NFPA HAZARD RATING - HEALTH: 1 Slight
- FIRE: 1 Slight
- REACTIVITY: 0 Negligible
- SPECIAL: -

RATINGS:

(Least-0, Slight-1, Moderate-2, High-3, Extreme-4).

These values are obtained using professional judgment. Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with the information contained in the product MSDS.

* RQ: Reportable Quantity

** RCRA waste codes must be determined on a case-by-case basis (i.e., spill, processing waste, etc.).

For information regarding potential adverse health effects from exposure to this product, refer to Sections 3 and 11.

16. OTHER INFORMATION:

DATE: 6-28-2016

EPA REGISTRY NUMBER: 1021-2685-7401

Voluntary Purchasing Groups, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.