



**VOLUNTARY PURCHASING GROUPS, INC.**

## **Safety Data Sheet Ferti-lome® Triple Action**

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### **SECTION 1: Identification**

#### **GHS Product identifier**

Product name	Ferti-lome® Triple Action
Product number	12244; 12245; 12246; 12246Q
Brand	Ferti-lome®

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

EPA Reg. No. 70051-111-7401

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

Insecticide, Miticide and Fungicide

#### **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**

Do not use or store near heat or flame.

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

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

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

#### **Precautionary statement(s)**

P102	Keep out of reach of children.
P103	Read label before use.

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### **SECTION 3: Composition/information on ingredients**

#### **Mixtures**

# Safety Data Sheet

## Ferti-lome® Triple Action

### Hazardous components

Component	Concentration
Clarified hydrophobic extract of neem oil (CAS no.: 947173-77-5)	70 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Pyrethrins (CAS no.: 8003-34-7)	1.25 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

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## SECTION 4: First-aid measures

### Description of necessary first-aid measures

General advice	Call poison control center or doctor for treatment advice. Have the product container or label with you when you calling the poison control center or doctor or going for treatment.
If inhaled	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 poison control center or doctor for treatment advice.
In case of skin contact	Remove contaminated clothing and rinse skin with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.
In case of eye contact	Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses after 5 minutes if present and continue rinsing eye. Call poison control center or doctor for treatment advice.
If swallowed	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if they are able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

Eye and skin irritation

### 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

Dry chemical, foam, carbon dioxide. Do not use a heavy water stream.

### Specific hazards arising from the chemical

No information available

### Special protective actions for fire-fighters

Do not enter fire area without proper protective equipment, including respiratory protection

# Safety Data Sheet

## Ferti-lome® Triple Action

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### SECTION 6: Accidental release measures

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

None specified

#### Environmental precautions

This product is toxic to fish and aquatic organisms. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage areas.

This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

#### Methods and materials for containment and cleaning up

Methods for Containment: Do not use in a manner that would allow drift or rinse water from equipment cleaning to contaminate water sources or supplies.

Methods for Clean-Up: None specified

OtherInformation: None

#### Reference to other sections

See Section 8 for occupational exposure limits and risk management measures. Refer to Section 13 for disposal considerations.

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### SECTION 7: Handling and storage

#### Precautions for safe handling

Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or using toilet. Remove and wash contaminated clothing before reuse.

#### Conditions for safe storage, including any incompatibilities

Keep in original container. Store in a dry place, away from direct sunlight, feed, or foodstuffs. Keep container tightly sealed when not in use. Do not store below 40°F (4°C). Do not store diluted solutions for later use.

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### SECTION 8: Exposure controls/personal protection

#### Control parameters

##### 1. Pyrethrins (CAS: 8003-34-7 EC: 232-319-8)

IOELV-LTEL [Pyrethrum] (Inhalation): 1 mg/m<sup>3</sup>; EU (EU/OSHA)

List no. 2 under Council Directive 98/24/EC as amended. List last updated on 8/25/2023.

PEL [Pyrethrum] (Inhalation): 5 mg/m<sup>3</sup>; US (US/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL [Pyrethrum] (Inhalation): 5 mg/m<sup>3</sup>; US (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL [Pyrethrum] (Inhalation): 5 mg/m<sup>3</sup>; US (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

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

##### Eye/face protection

Chemical goggles or safety glasses

# Safety Data Sheet

## Ferti-lome® Triple Action

### Skin protection

Wear protective gloves

### Respiratory protection

Wear approved mask

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## SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Brown translucent liquid
Odor	Citrus/garlic
Odor threshold	None known
pH	6.46-7.14
Melting point/freezing point	37°F (3° C)
Initial boiling point and boiling range	>275°F
Flash point	72°C ±0.2
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	No information available.
Vapor density	No information available.
Relative density	7.606 ±0.5 lb./gal
Solubility(ies)	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>	
Physical state	Liquid
Color	Brown

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## SECTION 10: Stability and reactivity

### Reactivity

None known

### Chemical stability

Stable

### Possibility of hazardous reactions

None known

### Conditions to avoid

Low temperatures, open flames

### Incompatible materials

None known

### Hazardous decomposition products

None known

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## SECTION 11: Toxicological information

### Information on toxicological effects

# Safety Data Sheet

## Ferti-lome® Triple Action

### Acute toxicity

Clarified Hydrophobic Extract of Neem Oil

LD50 Oral - Bobwhite Quail - 14-day

Result: LD50 > 2,150 mg a.i./kg body weight

NOEC - Pimephales promelas (fathead minnow) - 96-hour

Result: NOEC 96-hour: 2,000 mg/L

NOEC - Daphnia magna (water flea) - 48-hour

Result: NOEC 48-hour: 2,000 mg/L

Apis mellifera L

Result: This product is highly toxic to bees exposed to direct treatment.

Do not apply when bees are actively visiting the treatment area.

### Skin corrosion/irritation

Non-irritating, Toxicity Category IV

### Serious eye damage/irritation

Mildly irritating, Toxicity Category IV

### Respiratory or skin sensitization

Mild sensitizer, study conducted with product containing 90% neem oil

### Germ cell mutagenicity

No information available

### Carcinogenicity

NTP Listed: Not applicable

IARC Listed: Not applicable

OSHA: Not applicable

### Reproductive toxicity

No information available

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## SECTION 12: Ecological information

### Toxicity

Clarified Hydrophobic Extract of Neem Oil

LD50 Oral - Bobwhite Quail - 14-day

Result: LD50 > 2,150 mg a.i./kg body weight

NOEC - Pimephales promelas (fathead minnow) - 96-hour

Result: NOEC 96-hour: 2,000 mg/L

NOEC - Daphnia magna (water flea) - 48-hour

Result: NOEC 48-hour: 2,000 mg/L

Apis mellifera L

Result: This product is highly toxic to bees exposed to direct treatment.

Do not apply when bees are actively visiting the treatment area.

### Persistence and degradability

Neem oil degrades rapidly and does not persist in the environment.

### Bioaccumulative potential

Neem oil is not intended for use in aquatic environments. Appropriate cautions are required for use around bodies of water.

### Mobility in soil

No data available.

# Safety Data Sheet

## Ferti-lome® Triple Action

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### SECTION 13: Disposal considerations

#### Disposal methods

#### Packaging disposal

If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never placed unused product down any indoor or outdoor drain.

Nonrefillable container. Do not reuse or refill this container.

#### Waste treatment

Do not store diluted solutions for later use.

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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

#### New Jersey Right To Know Components

Common name: Pyrethrum

CAS number: 8003-34-7

Listing note: F2-flammable 2nd deg.

#### Pennsylvania Right To Know Components

Chemical name: Pyrethrins and pyrethroids

CAS number: 8003-34-7

Listing note: E-environmental hazard.

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

Chemical name: Pyrethrins

CAS number: 8003-34-7

TRI listing: unlisted; CERCLA listing: X-reportable; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: CERCLA chemical added RY1993

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

Chemical name: Pyrethrum

CAS number: 8003-34-7

Asterisk: no; Refs: 2,4 F8

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

Chemical name: Pyrethrins, cas number: 8003-34-7

WGK hazard class: WGK 3 - Extremely hazardous to water

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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

**Safety Data Sheet**  
**Ferti-lome® Triple Action**

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