

SAFETY DATA SHEET



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

Ferti-lome® Triple Action

Effective Date: May 19, 2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: Ferti-lome® Triple Action
EPA Reg. No.: 70051-111-7401
Product Type: Emulsifiable Concentrate
Active Ingredients: Clarified Hydrophobic Extract of Neem Oil
Pyrethrins
CAS No.: 947173-77-5
8003-34-7

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Insecticide, Miticide and Fungicide
Uses advised against: All uses not listed on the label

1.3. Details of the supplier of the safety data sheet

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard Classification: Not classified as hazardous by OSHA
EPA Signal Word: Caution* (refer to section 15)
Hazard Statements: None
Pictogram: None
Precautionary Statements: Harmful if swallowed, inhaled, or absorbed through the skin. 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.

2.2 Other Hazards: Do not use or store near heat or flame.

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SECTION 3: Composition/information on ingredients

3.1 Substance

Ingredient	CAS#	% by weight
Clarified Hydrophobic Extract of Neem oil	947173-77-5	70
Pyganic MUP 20	8003-34-7	1.25

SECTION 4: First aid measures

4.1. Description of first aid measures

Generic measures	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.
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.
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.
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 poison control center or doctor for treatment advice.
Ingestion:	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.

4.2. Most important symptoms and effects, both acute and delayed

Eye and skin irritation

4.3. Indication of any immediate medical attention and special treatment needed

None known

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media:	Dry chemical, foam, carbon dioxide
Unsuitable Extinguishing Media:	water

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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: None known

5.3. Advice for firefighters

Protection of Firefighters: Not determined

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: None specified

For emergency responders: None specified

6.2. 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.

6.3. Methods and material 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

Other Information: None

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. 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.

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7.2. 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.

7.3. Specific end use(s)

Use only as specified on label.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OSHA Permissible Exposure Limits (PELs): Not determined

ACGIH Threshold Limit Values: Not determined

Other Exposure Limits: Not determined

8.2. Exposure controls

Engineering Controls: None specified

Personal Protective Equipment

Eye/Face Protection: Not specified

Skin Protection: None specified

Hand Protection: None specified

Body Protection: None specified

Respiratory Protection: None specified

Thermal Hazards: None known

General Hygiene Considerations: Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Environmental exposure controls:

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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Brown translucent liquid
Odour:	Citrus/garlic
Odour Threshold:	Not determined
pH: 1% dilution	6.46-7.14
Melting Point / Freezing Point:	37°F (3° C)
Initial Boiling Point:	>275 °F
Boiling Range:	Not determined
Flash Point:	72°C ±0.2
Evaporation Rate:	Not determined
Flammability (solid, gas):	Not determined
Lower & Upper Flammability Limits:	Not determined
Vapour Pressure:	Not determined
Volatility by weight :	23.75%
Density:	7.606 ±0.5 lb./gal.
Solubility:	Not determined
Partition Coefficient (n-octanol/water):	Not determined
Auto-ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Explosive Properties:	None known
Oxidising Properties:	None known

9.2. Other information

Not available.

SECTION 10: Stability and reactivity

<u>10.1. Reactivity</u>	None known
<u>10.2. Chemical stability</u>	Stable
<u>10.3. Possibility of hazardous reactions</u>	None known

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10.4. Conditions to avoid

Low temperatures, open flames

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

None known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Toxicological information on the substance or mixture:

LD₅₀ (oral) > 5000 mg/kg, study with product containing 90% neem oil

LD₅₀ (dermal) > 2000 mg/kg, study with product containing 90% neem oil

LC₅₀ (inhalation) > 6.17 mg/L, study with product containing 90% neem oil

Skin irritation: Non-irritating, Toxicity Category IV

Eye irritation: Mildly irritating, Toxicity Category IV

Respiratory or skin sensitization: Mild sensitizer, study conducted with product containing 90% neem oil

Other information on adverse health effects:

Carcinogenicity

NTP Listed: Not applicable

IARC Listed: Not applicable

OSHA: Not applicable

11.2 Reference to other sections

See Section 4 for symptoms and acute and delayed effects.

SECTION 12: Ecological information

12.1. Toxicity

This product is toxic to fish and aquatic organisms. This product is toxic to bees when exposed to direct treatment.

12.2. Persistence and degradability

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

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12.3. Bioaccumulative potential

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

12.4. Mobility in soil

No data available.

12.5. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Pesticide Storage: Do not store diluted solutions for later use.

Pesticide Disposal and Containing Handling: Nonrefillable container. Do not reuse or refill this container.

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.

SECTION 14: Transportation information

14.1. UN number

Not regulated.

14.2. UN proper shipping name

Not regulated.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not regulated.

14.5. Environmental hazards

Not regulated.

14.6. Special precautions for user

Not regulated.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not regulated.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EPA: This product 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-pesticidal chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

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CAUTION, KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed, inhaled, or absorbed through the skin.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

This pesticide is toxic to fish and aquatic organisms.

This product is toxic to bees exposure to direct treatment.

<u>OSHA:</u>	N/A
<u>TSCA Status:</u>	Exempt
<u>CERCLA Reportable Quantity:</u>	N/A
<u>SARA Title III:</u>	
Section 302:	N/A
Section 311/312:	N/A
Section 313:	N/A
<u>RCRA Status:</u>	N/A

SECTION 16: Other information

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, either Voluntary Purchasing Groups, Inc. nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.