

SAFETY DATA SHEET



the ferti-lome people

Ferti-lome® Triple Action Plus RTU

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: 28-May-2015

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT NAME: Ferti-Lome® Triple Action Plus RTU
EPA Reg. No.: 70051-74-7401

COMPANY IDENTIFICATION:

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

2. HAZARDS IDENTIFICATION:

2.1. Classification of the substance or mixture

Hazard Classification: Not classified by OSHA

EPA Signal Word: Caution* (refer to section 15)

Hazard Statements: None

Pictogram: None

Precautionary Statements: Harmful if inhaled. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

2.2 Other Hazards: Do not apply this product in a way that will contact adults, children, or pets either directly or through drift. Remove pets, birds, and cover fish aquariums before spraying. Do not allow adults, children, or pets to enter the treated area until sprays have dried.

during rain. Not for use in an outdoor misting system. Do not applications
Do not water the treated area to the point of run off.

3. COMPOSITION, INFORMATION OF INGREDIENTS:

3.1 Substance

Ingredient	CAS#	% by weight
Clarified Hydrophobic Extract of Neem oil	947173-77-5	0.9
Pyrocide Booster Concentrate K (5% Pyrethrins, 50% Piperonyl butoxide)	EPA Reg.# 1021-60 (8003-34-7 51-3-6)	0.47 (0.02 0.2)

SAFETY DATA SHEET



the ferti-lome people

Ferti-lome® Triple Action RTU

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: 28-May-2015

4. FIRST AID MEASURES:

4.1. Description of first aid measures

Generic measures:

Have the product container or the label with you when calling a 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, if present after 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

Skin Contact:

Take off contaminated clothing. 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, by mouth to mouth if possible. Call poison control center or doctor for further 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

Shortness of breath

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

None specified

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media: All media

Unsuitable Extinguishing Media: None known

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: None known

5.3. Advice for firefighters

Protection of Firefighters: None specified

6. ACCIDENTAL RELEASE MEASURES:

For non-emergency personnel: None specified

For emergency responders: None specified

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

SAFETY DATA SHEET



the ferti-lome people

Ferti-lome® Triple Action RTU

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: 28-May-2015

This product is toxic to aquatic organisms including fish and invertebrates. 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 and rain does not blow or wash pesticide off the treated area.

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: Contain spills using absorbent material prevent from contaminating from water sources.

Other Information:

6.4. Reference to other sections

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

7. HANDLING AND STORAGE:

7.1. Precautions for safe handling

Harmful if inhaled. Avoid breathing spray mist. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after

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

Effective Date:



the ferti-lome people

Ferti-lome® TRIPLE ACTION RTU

Safety Data Sheet (SDS)

Product Name: Trilogy XL® RTU Date of Compilation: March 23, 2015

handling and before eating drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container. Keep container tightly sealed when not in use. Keep from freezing.

7.3. Specific end use(s): Use as specified on label.

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

Personal Protective Equipment

Eye/Face Protection: None specified

Skin Protection: None specified

Hand Protection: None specified

Body Protection: None specified

Respiratory Protection: None specified

Thermal Hazards: None known

General Hygiene Considerations: Harmful if inhaled. Avoid breathing spray mist. Causes moderate eye irritation. Harmful if absorbed through skin. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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

Effective Date:



the ferti-lome people

Ferti-lome® TRIPLE ACTION RTU

Environmental exposure controls: Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate.
This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the area.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1. Information on basic physical and chemical properties

Appearance:	Milky white liquid
Odor:	sour garlic
Odor Threshold:	Not determined
pH:	7.44-8.22
Melting Point / Freezing Point:	0° C
Initial Boiling Point:	100° C
Boiling Range:	Not determined
Flash Point:	Not flammable
Evaporation Rate:	Not determined
Flammability (solid, gas):	Not determined
Lower & Upper Flammability Limits:	Not determined
Vapour Pressure:	Not determined
Volatility by weight :	Not determined
Density:	8.33 lbs. /gal.
Solubility:	99%
Partition Coefficient (n-octanol/water):	Not determined
Auto-ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Explosive Properties:	Not explosive
Oxidising Properties:	Not oxidising

9.2. Other information

Not available.

10. STABILITY & REACTIVITY DATA:

<u>10.1. Reactivity</u>	None known
<u>10.2. Chemical stability</u>	Stable if stored according to label

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

Effective Date:



the ferti-lome people

Ferti-lome® TRIPLE ACTION RTU

- 10.3. Possibility of hazardous reactions** None
- 10.4. Conditions to avoid** Do not freeze
- 10.5. Incompatible materials** None known
- 10.6. Hazardous decomposition products** None known

11. TOXICOLOGICAL INFORMATION:

11.1. Information on toxicological effects

Acute Toxicity

Toxicological information on the substance or mixture:

- 1
- | | |
|-------------------------------------|--|
| LD₅₀ (oral) | > 5000 mg/kg, Toxicity Category IV (40 CFR 156.62) |
| LD₅₀ (dermal) | >2000 mg/kg, Toxicity Category III (40 CFR 156.62) |
| LC₅₀ (inhalation) | > 2 mg/L, Toxicity Category III (40 CFR 156.62) |

Skin corrosion / irritation:

Slightly irritating, Toxicity Category IV

Eye irritation: Non-irritating, Toxicity Category IV

Respiratory or skin sensitization:

Mildly sensitizing (study with product containing 90% neem oil)

Other information on adverse health effects:

Carcinogenicity

NTP Listed: Not applicable

IARC Listed: Piperonyl butoxide: Group 3;
The agent is not classifiable as to its carcinogenicity to humans.

OSHA: Not applicable

11.2 Reference to other sections

See Section 4 for symptoms and acute and delayed effects.

12. ECOLOGICAL INFORMATION:

12.1. Toxicity

This pesticide is toxic to aquatic organisms including fish and invertebrates. This product is highly toxic to bees exposed to direct treatment.

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

Effective Date:



the ferti-lome people

Ferti-lome® TRIPLE ACTION RTU

12.2. Persistence and degradability

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

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.

13. DISPOSAL CONSIDERATIONS:

13.1. Waste treatment methods

Disposal Instructions: Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Keep in original container. Store away from direct sunlight, feed, or foodstuffs. Keep container tightly sealed when not in use.

Pesticide and Container Disposal:

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

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

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.

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

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

Effective Date:



the ferti-lome people

Ferti-lome® TRIPLE ACTION RTU

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.

Harmful if inhaled.

Prolonged or frequently repeated skin contact may cause reactions in some individuals. This product is toxic to aquatic organisms including fish and invertebrates.

This product is highly toxic to bees when exposed to direct treatment.

OSHA: N/A TSCA Status:
Exempt CERCLA Reportable Quantity: N/A SARA Title
III:

Section 302: N/A Section

311/312: N/A Section 313:

N/A

RCRA Status: N/A

16. OTHER INFORMATION:

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither 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.