



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome Caterpillar Killer with Bt

SECTION 1: Identification

GHS Product identifier

Product name	Ferti-lome Caterpillar Killer with Bt
Product number	16011; 16012
Brand	Ferti-lome

Other means of identification

EPA Reg. No. 70051-106-7401

Recommended use of the chemical and restrictions on use

Residential use insecticide

Supplier's details

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

Telephone	855-270-4776
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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

SECTION 2: Hazard identification

General hazard statement

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

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.

SECTION 3: Composition/information on ingredients

Mixtures

Safety Data Sheet

Ferti-lome Caterpillar Killer with Bt

Hazardous components

Component	Concentration
Bacillus thuringiensis (CAS no.: 68038-71-1)	98.35 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	Have the product container or label with you when you are calling the poison control center or doctor or going for treatment.
If inhaled	Assure fresh air breathing. Allow the person to rest.
In case of 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 further treatment advice.
In case of 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, if present, and continue rinsing eye. Call a poison control center or doctor for treatment advice.
If swallowed	Rinse mouth. Do not induce vomiting. Obtain emergency medical attention.

Most important symptoms/effects, acute and delayed

Skin/Eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

No information available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Foam. Dry powder. Carbon dioxide. Water spray. Sand. 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 protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

None specified

Methods and materials for containment and cleaning up

For small spills soak up with pet litter or similar absorbent material and place into a sealed container and dispose of according to Federal, State and local law.

Safety Data Sheet

Ferti-lome Caterpillar Killer with Bt

SECTION 7: Handling and storage

Precautions for safe handling

Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing vapors or spray mist. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking.

Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Store in a cool dry place. Activity may be impaired by storage at temperatures above 90°F.

SECTION 8: Exposure controls/personal protection

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

Eye/face protection

Wear goggles or safety glasses.

Skin protection

Wear protective gloves.

Respiratory protection

Wear approved mask.

Environmental exposure controls

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Brown liquid
Odor	Yeasty
Odor threshold	None known
pH	5.5
Melting point/freezing point	No information available.
Initial boiling point and boiling range	No information available.
Flash point	No information available.
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	8.4 lbs/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.
Additional properties	
Physical state	Liquid
Color	Brown

SECTION 10: Stability and reactivity

Reactivity

Safety Data Sheet

Ferti-lome Caterpillar Killer with Bt

Not reactive.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Not established.

Conditions to avoid

Temperatures >90°C

Incompatible materials

Strong acids and bases.

Hazardous decomposition products

None.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No toxicity or infectivity observed.

Skin corrosion/irritation

Slightly irritating

Serious eye damage/irritation

Mildly irritating.

Respiratory or skin sensitization

None known.

Germ cell mutagenicity

None known

Carcinogenicity

None known

Reproductive toxicity

None known

Specific target organ toxicity (STOT) - single exposure

None known

Specific target organ toxicity (STOT) - repeated exposure

None known

Aspiration hazard

None known

SECTION 12: Ecological information

Toxicity

Bacillus thuringiensis subspecies kurstaki (Btk) shows a rapid loss of activity in response to UV light

Persistence and degradability

Safety Data Sheet

Ferti-lome Caterpillar Killer with Bt

Btk is not pathogenic and does not reproduce in living organisms other than target Lepidopteran larvae.

Mobility in soil

Low, based on scientific data for Btk.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

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

Packaging disposal

Non-refillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling. If partly filled:

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

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

US EPA TSCA public inventory

Chemical name: Bacillus thuringiensis

CAS number: 68038-71-1

SECTION 16: Other information

Further information/disclaimer

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