



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome GrasshopperGO

SECTION 1: Identification

GHS Product identifier

| | |
|----------------|--------------------------|
| Product name | Ferti-lome GrasshopperGO |
| Product number | 10059 |
| Brand | Ferti-lome |

Other means of identification

EPA Reg. No. 25(B) Exempt

Recommended use of the chemical and restrictions on use

Insect repellent.

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

SECTION 2: Hazard identification

Classification of the substance or mixture

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

- Eye damage/irritation, Cat. 2A
- Sensitization, skin, Cat. 1

GHS label elements, including precautionary statements

Pictograms



Signal word

Warning

Hazard statement(s)

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H319 Causes serious eye irritation
H317 May cause an allergic skin reaction

Precautionary statement(s)

P264 Wash hands thoroughly after handling.
P280 Wear eye protection/face protection/protective gloves.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 Contaminated work clothing must not be allowed out of the workplace.
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to in accordance with Federal, State and local regulations.
P102 Keep out of reach of children.
P103 Read label before use.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

| Component | Concentration |
|---|---------------|
| Cupressus funebris wood extract (CAS no.: 85085-29-6) | 2 % |
| CLASSIFICATIONS: No data available. HAZARDS: No data available. | |

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice Call a poison control center or doctor for treatment advice. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur, seek medical attention immediately.

If inhaled Move person to fresh air. If person is not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a poison control center or doctor for treatment advice.

In case of skin contact Wash skin with soap and plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

In case of eye contact Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

If swallowed Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice.

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

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This product contains a cholinesterase inhibitor affecting the central and peripheral nervous systems and producing respiratory depression. Decontamination procedures such as whole body washing, gastric lavage and administration of activated charcoal are often required. If symptoms are present, administer atropine sulfate in large doses as soon as possible. Repeat at 5 to 10 minute intervals until signs of atropinization appear. Maintain full atropinization until all organophosphate is metabolized. Pralidoxime chloride (2-PAM) may be administered as an adjunct to, but not a substitute for atropine. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Very close supervision of the patient is indicated for at least 48 hours, depending on the severity of poisoning.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Water fog, alcohol-resistant foam, CO₂, and dry chemical

Specific hazards arising from the chemical

Carbon oxides, nitrogen oxides, trace amounts of methyl isocyanate, irritating fumes and smoke.

Special protective actions for fire-fighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). Use full face shield and operate in positive pressure mode. Avoid contact with this material during firefighting operations. If contact is likely, change to full chemical resistant firefighting clothing with self-contained breathing apparatus. If this is not available,

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Respiratory Protection: NIOSH/MSHA approved for protection against toxic dusts containing quartz. Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL. Protective Gloves: PVC or Neoprene. Eye Protection: Safety glasses or goggles (ANSI Z87.1 1979) Other Protective Clothing or Equipment: Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact.

Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Methods and materials for containment and cleaning up

Sweep up spills then place in suitable container. Keep product from entering into storm sewers and ditches which lead to waterways.

Sweep as much material as possible, keeping dust to a minimum and place in an approved chemical waste container. Wash the spill area with water containing a strong detergent, absorb with earth, sand or absorbent material and sweep up and place in approved chemical waste container.

Reference to other sections

Section 12.

SECTION 7: Handling and storage

Precautions for safe handling

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Conditions for safe storage, including any incompatibilities

Store locked up in a cool, dry, and ventilated area designated specifically for pesticides and away from heat sources. Keep in original containers and keep containers closed when not in use. Do not store in excessive heat. Do not store near children, food, foodstuffs, drugs or potable water supplies.

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SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL.

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

Eye/face protection

Wear safety glasses with side shields or chemical splash goggles to prevent dust from entering the eyes. If using a full face shield, always use safety glasses or goggles along with the face shield to ensure adequate protection of the eyes.

Skin protection

PVC or Neoprene gloves. Wear long-sleeved shirt and long pants and shoes plus socks. Safety shower should be located in immediate work area. Remove contaminated clothing immediately after handling this product, wash skin area with soap and water, and launder clothing before reuse or dispose of properly. Items which cannot be decontaminated, such as shoes, belts and watchbands, should be removed and disposed of properly.

Body protection

Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available

Respiratory protection

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. When handling in enclosed areas, when large quantities of dusts are generated or prolonged exposure is possible in excess of the TLV, use a respirator with either an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

SECTION 9: Physical and chemical properties

| | |
|--|-----------------------------|
| Appearance (physical state, color, etc.) | Gray granules |
| Odor | Cedar |
| Odor threshold | None known |
| pH | No information available. |
| 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) | Not flammable |
| Upper/lower flammability or explosive limits | No information available. |
| Vapor pressure | No information available. |
| Vapor density | No information available. |
| Relative density | 14 - 20 lbs/ft ³ |
| Solubility(ies) | 40 ppm @30°C |
| 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 | Solid |
| Color | Gray |

SECTION 10: Stability and reactivity

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Reactivity

Upon combustion: CO and CO₂ are formed.

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

No additional information available

Conditions to avoid

Avoid heat of open flame. Avoid high temperatures above 130°F (54.4°C).

Incompatible materials

Avoid contact with: Strong acids. Strong bases.

Hazardous decomposition products

Hazardous Polymerization: Will not occur.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Ingestion:

- LD50, (rat): 3310 mg/kg

Dermal:

- LD50, (rabbit): >2,000 mg/kg

Inhalation:

- LC50, (4h), (rat): 4.9 mg/l

Eye Irritation (rabbit):

- Mild irritation

Skin Irritation (rabbit):

- No irritation

Sensitization Skin:

- Non-sensitizer (Guinea Pigs)

Skin corrosion/irritation

Mild irritation

Serious eye damage/irritation

May cause serious eye irritation

Carcinogenicity

Listed as likely to be carcinogenic in humans by EPA. Not listed as carcinogenic by ACGIH, NTP, IARC or OSHA.

Specific target organ toxicity (STOT) - repeated exposure

Reversible cholinesterase inhibition occurred in chronic toxicity studies in rats and dogs. The principal organs affected from high doses of Carbaryl included urinary bladder, thyroid, kidneys and liver.

SECTION 12: Ecological information

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Toxicity

Rainbow Trout: 96 hour, LC50: (4.3 mg/L)
Bluegill: 96 hour, LC50: (6.76 mg/L)
Daphnia magna: 48 hour, EC50: (0.00067 mg/L)

Bees: LC50: (1.54 - 26.5 µg/bee)

Bird Toxicity:

Mallard Duck: 8-day, LD50: >5000 mg/kg
Bobwhite Quail: 8-day, LD50: >5000 mg/kg
Moderate to highly toxic to fish. Extremely toxic to aquatic and estuarine invertebrates. Highly toxic to bees.

Persistence and degradability

Not persistent in soil – quickly degrades in aerobic soil, more slowly in anaerobic soil. Degraded in soil through hydrolysis, photolysis and by microorganisms.

Mobility in soil

Not persistent in soil – quickly degrades in aerobic soil, more slowly in anaerobic soil. Degraded in soil through hydrolysis, photolysis and by microorganisms.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws

Packaging disposal

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

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

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Labeling requirements under FIFRA

Product name: Ferti-lome GrasshopperGO

Comprehensive Environmental Response Compensation and Liability Act (CERCLA)(401 CFR 302)

Product name: Ferti-lome GrasshopperGO

SARA 302 Components

Product name: Ferti-lome GrasshopperGO

SARA 311/312 Hazards

Product name: Ferti-lome GrasshopperGO

SARA 313 Components

Product name: Ferti-lome GrasshopperGO

Toxic Substances Control Act (TSCA) Inventory

Product name: Ferti-lome GrasshopperGO

Chemical Safety Assessment

NOTICE: The information herein is present 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 from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, State or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

NFPA Rating



SECTION 16: Other information

Further information/disclaimer

Voluntary Purchasing Groups, Inc. urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this 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 SDSs obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.