



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet

Ferti-lome MoleGo™ Mole Repellent & Lawn Protection Composition

SECTION 1: Identification

GHS Product identifier

Product name	Ferti-lome MoleGo™ Mole Repellent & Lawn Protection Composition
Product number	10318
Brand	Ferti-lome

Other means of identification

EPA Reg. No. 25 (B) Exempt

Recommended use of the chemical and restrictions on use

Small burrowing animal repellent.

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

Causes serious eye irritation.

Classification of the substance or mixture

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

- Eye damage/irritation, Cat. 2B

GHS label elements, including precautionary statements

Pictograms



Signal word

Warning

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Hazard statement(s)

H320 Causes eye irritation

Precautionary statement(s)

P264 Wash ... thoroughly after handling.
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.
P102 Keep out of reach of children.
P103 Read label before use.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Castor oil (CAS no.: 8001-79-4; EC no.: 232-293-8)	68.75 %
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. Oils and ointments should not be used unless directed by a physician. 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.

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Personal protective equipment for first-aid responders

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.

Eye

wash and shower facilities should be available.

Most important symptoms/effects, acute and delayed

Symptoms of exposure may include, irritation of eyes and nose, cough and/or shortness of breath. Seek medical attention if eye irritation occurs.

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

No information available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Regular foam, water fog, carbon dioxide, dry chemical

Specific hazards arising from the chemical

CASTOR OIL: Carbon oxides

Special protective actions for fire-fighters

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Further information

Flash Point - 555 degrees F/290.5 degrees C

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

Absorb liquid on vermiculite, floor absorbent, or other absorbent material and transfer to hood for small spills. For large spills, stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

Methods and materials for containment and cleaning up

Dispose of in accordance with Federal, State, and local regulations.

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SECTION 7: Handling and storage

Precautions for safe handling

Avoid breathing mist. Avoid contact with skin and eyes. Do not swallow. Wear eye protection. Handle and open container with care. When using do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities

Keep out of reach of children. Keep container tightly closed. (See section 10).

SECTION 8: Exposure controls/personal protection

Control parameters

1. Castor oil (CAS: 8001-79-4 EC: 232-293-8)

REL-TWA: 5 mg/m³ (Resp) (NIOSH)

REL-TWA: 10 mg/m³ (Total) (NIOSH)

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

Safety glasses or goggles (ANSI Z87.1 1979)

Skin protection

PVC or Neoprene gloves.

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

NIOSH/MSHA approved for protection against toxic dusts.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Clear liquid
Odor	Odorless
Odor threshold	None known
pH	6-7
Melting point/freezing point	
Initial boiling point and boiling range	500°F/260°C
Flash point	555°F/290.5°C
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	0.943-0.963
Solubility(ies)	No information available.
Partition coefficient: n-octanol/water	No information available.
Auto-ignition temperature	No information available.

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Decomposition temperature
Viscosity

No information available.
No information available.

Additional properties

Physical state
Color

Liquid
Clear

SECTION 10: Stability and reactivity

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable.

Possibility of hazardous reactions

Polymerization will not occur.

Conditions to avoid

Heat. Incompatible materials.

Incompatible materials

CASTOR OIL: Strong oxidizing agents

Hazardous decomposition products

Acrolein, carbon dioxide and carbon monoxide.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Calculated overall Chemical Acute Toxicity Values (ATE)

LD50 - Oral - >2000 mg/kg

LD50 - Dermal - >2000mg/kg

LC50 - Inhalation - >5mg/l

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

This product is an eye irritant.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

None of the ingredients present in this product at or above 0.1% are listed as potential carcinogens on the NTP, IARC or OSHA lists.

Reproductive toxicity

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Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

Toxicity

This product is not expected to be harmful to aquatic organisms.

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.

SECTION 14: Transport information

DOT (US)

Not regulated

IMDG

Not regulated

IATA

Not regulated

SECTION 15: Regulatory information

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

US EPA TSCA public inventory

Chemical name: Castor oil

CAS number: 8001-79-4

Labeling requirements under FIFRA

Product name: Ferti-lome MoleGo™ Mole Repellent & Lawn Protection Composition

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

Product name: Ferti-lome MoleGo™ Mole Repellent & Lawn Protection Composition

SARA 311/312 Hazards

Product name: Ferti-lome MoleGo™ Mole Repellent & Lawn Protection Composition

SARA 313 Components

Product name: Ferti-lome MoleGo™ Mole Repellent & Lawn Protection Composition

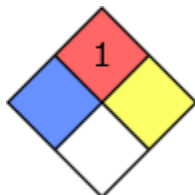
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HMIS Rating

Ferti-lome MoleGo™ Mole Repellent & Lawn Protection Composition	
HEALTH	
FLAMMABILITY	1
PHYSICAL HAZARD	
PERSONAL PROTECTION	

NFPA Rating



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 Purchasing Groups, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.