

Material Safety Data Sheet	ferti-lome® MoleGo™ Mole Repellent
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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: Voluntary Purchasing Groups, Inc.	Box 460, Bonham, TX 75418
Emergency Telephone: (903) 583-5501 or (800) 424-9300 (Chemtrec)	
For Additional Information Contact: Product Manager or Chemtrec	Date Prepared: 03-14-03
Common Name (Used on Label): ferti-lome® MoleGo™ Mole Repellent	Chemical Family: Not determined
Chemical Name: Not determined	Formula: Not determined
Trade Name & Synonyms: ferti-lome® MoleGo™ Mole Repellent	

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS NUMBER	% (TYPICAL)	TLV (UNITS)	PEL (UNITS)
Castor oil	8001-79-4	Proprietary	Not established	Not established

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration.
 TLV: Threshold Limit Value recommended by the American Conference of Governmental Industrial Hygienists.

SECTION 3 - PHYSICAL DATA

BOILING POINT (°F) 500 degree F/260 degrees C	SPECIFIC GRAVITY (H ₂ O=1) Not established	VAPOR PRESSURE (mm Hg) Not established
PERCENT VOLATILE BY VOLUME (%) Not established	VAPOR DENSITY (AIR=1) Not established	EVAPORATION RATE (ethyl ether=1) Not established
SOLUBILITY IN WATER Not established	REACTIVITY IN WATER Not determined	
APPEARANCE AND ODOR Clear liquid; no odor		

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (°F) 555 degrees F/290.5 degrees C	FLAMMABLE LIMITS IN AIR (% by volume) Lower: Not determined Upper: Not determined	
EXTINGUISHING MEDIA Regular foam, water fog, carbon dioxide, dry chemical	AUTO IGNITION TEMPERATURE Not determined	
UNUSUAL FIRE AND EXPLOSION HAZARDS None determined		
SPECIAL FIRE FIGHTING PROCEDURES 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.		

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SECTION 5 - HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE AND TARGET ORGANS		
Inhalation, skin contact		
SIGNS AND SYMPTOMS OF EXPOSURE		
(1) ACUTE OVEREXPOSURE		
None determined		
(2) CHRONIC OVEREXPOSURE		
None determined		
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE		
None determined		
CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN		
None		
NTP <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IARC <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	OSHA <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
OTHER EXPOSURE LIMITS		
None		
EMERGENCY AND FIRST AID PROCEDURES		
<p>EYE CONTACT: Move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention. SKIN CONTACT: Remove contaminated clothing. Wash exposed area with soap and water. If irritation persists, seek medical attention. Launder clothing before reuse. IF SWALLOWED: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If individual is conscious and alert, induce vomiting by giving syrup of Ipecac or by gently placing two fingers at the back of the throat. If possible, do not leave individual unattended.</p>		

SECTION 6 - REACTIVITY DATA

STABILITY <input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable	CONDITIONS TO AVOID Does not apply
INCOMPATIBILITY (Materials to Avoid) strong oxidizing agents	
HAZARDOUS DECOMPOSITION PRODUCTS Acrolein, carbon dioxide and carbon monoxide	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not occur	CONDITIONS TO AVOID Does not apply

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED
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.
WASTE DISPOSAL METHOD
Dispose of in accordance with Federal, State, and local regulations.

SECTION 8 - PERSONAL PROTECTION INFORMATION**RESPIRATORY PROTECTION**

NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control.

VENTILATION

Local or general exhaust to maintain exposure below TLV/PEL.

PROTECTIVE GLOVES

PVC or Neoprene

EYE PROTECTION

Wear safety glasses in compliance with OSHA regulations

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Apron, boots, long sleeve shirt and full-length pants (or overalls) may be worn when necessary to prevent skin contact. Eyewash and shower facilities should be available.

SECTION 9 - SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING & STORING**

Store in cool, dry, ventilated area, out of direct sunlight.

OTHER PRECAUTIONS

None determined

SECTION 10 - OTHER INFORMATION

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications, which are not included within this document.