

**Material
Safety
Data
Sheet**
ferti-lome® Snail and Slug Killer Pellets
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® Snail and Slug	Chemical Family: Aldehyde
Chemical Name: Mixture	Formula: Metaldehyde mixture
Trade Name & Synonyms: ferti-lome® Snail and Slug	

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS NUMBER	% (TYPICAL)	TLV (UNITS)	PEL (UNITS)
Metaldehyde	108-62-3	3.15	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) Does not apply	SPECIFIC GRAVITY (H ₂ O=1) Not determined	VAPOR PRESSURE (mm Hg) Does not apply
PERCENT VOLATILE BY VOLUME (%) Not determined	VAPOR DENSITY (AIR=1) Not determined	EVAPORATION RATE (ethyl ether=1) Not determined
SOLUBILITY IN WATER Nil	REACTIVITY IN WATER Will not evolve flammable or toxic gases.	
APPEARANCE AND ODOR Tan pellet		

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (°F) 97 degrees F (36 degrees C)	FLAMMABLE LIMITS IN AIR (% by volume) Lower: Not determined Upper: Not determined
EXTINGUISHING MEDIA Dry chemical, sand, water spray, or foam	AUTO IGNITION TEMPERATURE Not determined
UNUSUAL FIRE AND EXPLOSION HAZARDS Dust may form an explosive mixture in air.	
SPECIAL FIRE FIGHTING PROCEDURES Move container from fire area if possible. Cool containers exposed to flame with water from side until well after fire is out. Utilize self-contained breathing apparatus with full facepiece operated in pressure demand or other positive	

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pressure mode. Extinguish using agent for type of fire. Avoid breathing fumes from burning material.

SECTION 5 - HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE AND TARGET ORGANS

Inhalation, Eye or Skin contact, Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE

(1) ACUTE OVEREXPOSURE

Inhalation may result in irritation of the mucous membranes. Direct contact may result in skin irritation. Eye contact may result in redness and irritation. Ingestion may cause nausea, itching, severe vomiting, abdominal pain, temperature elevation, muscular rigidity, convulsions, coma, and death. Liver and kidney injury also may occur. Mental deficits from poisoning may persist for a year or more.

(2) CHRONIC OVEREXPOSURE

Repeated or prolonged skin contact may cause dermatitis. Eye contact may result in conjunctivitis. Animal studies indicate that ingestion may affect male and female reproduction as well as the survival rate of offspring.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Disorders of the skin, respiratory system, eyes, liver, and kidneys

CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN

None

NTP

☐ YES ☒ NO

IARC

☐ YES ☒ NO

OSHA

☐ YES ☒ NO

OTHER EXPOSURE LIMITS

ACGIH TLV for nuisance dusts=10mg/m³; OSHA PEL for nuisance dusts=15mg/m³

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician. EYE OR SKIN CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. Flush skin with water. INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician. Treat symptomatically and supportively.

SECTION 6 - REACTIVITY DATA

STABILITY

☐ Unstable ☒ Stable

CONDITIONS TO AVOID

May decompose upon heating

INCOMPATIBILITY (Materials to Avoid)

Strong oxidants and acids

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may release toxic oxides of carbon

HAZARDOUS POLYMERIZATION

☐ May Occur ☒ 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

Shut off ignition sources. Do not touch spilled material. Shovel material into clean, dry, labeled container and cover. Move container from spill area. Wet down with water and dike for later disposal. No smoking, flames, or flares in hazard area. Keep unnecessary people away. Isolate hazard area and deny entry. Comply with all applicable governmental regulation concerning spill reporting, handling, and disposal of waste.

WASTE DISPOSAL METHOD

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

SECTION 8 - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

NIOSH/MSHA approved respiratory devices to protect against nuisance dusts and organic vapors.

VENTILATION

General or local exhaust to maintain employee exposure below the TVL/PEL.

PROTECTIVE GLOVES

Impervious gloves to prevent skin contact

EYE PROTECTION

Splash-proof or dust-resistant safety goggles to prevent eye contact with this substance. Contact lenses should not be worn.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

When necessary utilize impervious clothing and equipment to prevent skin contact with this substance.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Store away from ignition sources, in cool, dry, well-ventilated area.

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.