



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome® Dollar Weed Control

SECTION 1: Identification

GHS Product identifier

Product name	Ferti-lome® Dollar Weed Control
Product number	13913
Brand	Ferti-lome®

Other means of identification

EPA# 62719-550-7401

Recommended use of the chemical and restrictions on use

Herbicide.

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, 2012)

GHS label elements, including precautionary statements

Hazard statement(s)

H313	May be harmful in contact with skin
H320	Causes eye irritation

Precautionary statement(s)

P102	Keep out of reach of children.
P103	Read label before use.

SECTION 3: Composition/information on ingredients

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Mixtures

Hazardous components

Component	Concentration
N-methyl-2-pyrrolidone (CAS no.: 872-50-4; EC no.: 212-828-1; Index no.: 606-021-00-7)	Not specified
CLASSIFICATIONS: Toxic to reproduction, Cat. 1B; Specific target organ toxicity (single exposure), Cat. 3; Skin corrosion/irritation, Cat. 2; Eye damage/irritation, Cat. 2A. HAZARDS: H315 - Causes skin irritation; H319 - Causes serious eye irritation; H335 - May cause respiratory irritation; H360D - May damage the unborn child. [SCLs/M-factors/ATEs]: STOT SE 3; H335: C ≥ 10 %	
Penoxsulam (CAS no.: 219714-96-2)	Not specified
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.
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

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wash and shower facilities should be available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Water, Dry Chemical fire extinguishers, Carbon dioxide fire extinguishers, Foam.

Specific hazards arising from the chemical

Container may rupture from gas generation in a fire situation. Pneumatic conveying and other mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate.

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Special protective actions for fire-fighters

Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of re-ignition has passed. Fight fire from protected location of safe distance. Consider the use of unmanned hose holders or monitor nozzles. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Hand held dry chemical or carbon dioxide extinguishers may be used

for small fires. Move container from fire area if this is possible without hazard. Contain fire water run-off if possible. Fire run-off, if not contained, may cause environmental damage.

Further information

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Contain spilled material if possible. Sweep up small spills. Collect in suitable and properly labeled containers.

Wash

exposed body areas thoroughly after handling. Report large spills.

Methods and materials for containment and cleaning up

Contain spilled material if possible. Sweep up small spills. Collect in suitable and properly labeled containers.

Wash

exposed body areas thoroughly after handling. Report large spills.

SECTION 7: Handling and storage

Precautions for safe handling

Keep out of reach of children. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Handle in ventilated area. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco, using the toilet or smoking. Keep away from food, feed stuffs, and water supplies.

Conditions for safe storage, including any incompatibilities

Store in original container in a dry area.

SECTION 8: Exposure controls/personal protection

Control parameters

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1. N-methyl-2-pyrrolidone (CAS: 872-50-4 EC: 212-828-1)

IOELV-LTEL (Inhalation): 40 mg/m³; EU (EU/OSHA)

Skin designation: Yes. List no. 3 under Council Directive 98/24/EC as amended. List last updated on 8/29/2023.

IOELV-LTEL (Inhalation): 10 ppm; EU (EU/OSHA)

Skin designation: Yes. List no. 3 under Council Directive 98/24/EC as amended. List last updated on 8/29/2023.

IOELV-STEL (Inhalation): 80 mg/m³; EU (EU/OSHA)

Skin designation: Yes. List no. 3 under Council Directive 98/24/EC as amended. List last updated on 8/29/2023.

IOELV-STEL (Inhalation): 20 ppm; EU (EU/OSHA)

Skin designation: Yes. List no. 3 under Council Directive 98/24/EC as amended. List last updated on 8/29/2023.

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

Water proof apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact.

Respiratory protection

NIOSH/MSHA approved for protection

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Tan to brown granules
Odor	Mild, musty odor
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)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	No information available.
Vapor density	No information available.
Relative density	No information available.
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	Solid
Color	Tan to brown

SECTION 10: Stability and reactivity

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Reactivity

No information available.

Chemical stability

Thermally stable at typical use temperatures.

Possibility of hazardous reactions

HAZARDOUS POLYMERIZATION: Will not occur.

Conditions to avoid

Avoid temperatures above 392°F (200°C). Some components of this product can decompose at elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

Incompatible materials

Avoid contact with oxidizing materials.

Hazardous decomposition products

Decomposition products depend upon temperature, air supply and the presence of other materials. Gases are released during decomposition.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No information available.

Skin corrosion/irritation

Prolonged or repeated exposure is not likely to cause significant skin irritation. Prolonged skin contact is unlikely to result in absorption of harmful amounts. The LD50 for skin absorption in rabbits is >5,000 mg/kg. Did not cause allergic skin reactions when tested in guinea pigs.

Serious eye damage/irritation

May cause slight eye irritation. Corneal injury is unlikely.

Respiratory or skin sensitization

No adverse effects are anticipated for single exposure to dust. The LC50 for rats is >3.50 mg/L for 4 hours. This was the highest attainable concentration.

Germ cell mutagenicity

In-vitro and animal genetic toxicity studies were negative.

Carcinogenicity

Did not cause cancer in laboratory animals.

Reproductive toxicity

Did not cause birth defects or other effects in the fetus even at doses which caused toxic effects in the mother. In animal studies, did not interfere with reproduction.

Specific target organ toxicity (STOT) - single exposure

No information available.

Specific target organ toxicity (STOT) - repeated exposure

No information available.

Aspiration hazard

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Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. The oral LD50 for rats is >5,000 mg/kg.

SECTION 12: Ecological information

Toxicity

Material is very highly toxic to aquatic organisms on an acute basis (LC50 or EC50 is <0.1 in most sensitive species tested).

Material is practically non-toxic to birds on an acute basis (LD50 is >2000 mg/kg).

Material is slightly toxic to birds on a dietary basis (LC50 is between 1001 and 5000 ppm).

The LC50 in earthworm (*Eisenia foetida*) is >1000 mg/kg.

Acute contact LD50 for honeybee (*Apis mellifera*) is >100 µg/bee.

Acute oral LD50 in honeybee (*Apis mellifera*) is >110 µg/bee.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any

by-products should at all times comply with the requirements of environmental protection and waste disposal legislation

and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements

of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered

when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or

liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways,

drains and sewers.

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

Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: N-methyl-2-pyrrolidone

CAS number: 872-50-4

TRI listing: X-reportable; CERCLA listing: unlisted; TURA-only listing: no; de minimis concentration threshold: 1 percent. Changes: Added to TURA and TRI RY1995

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New Jersey Right To Know Components

Common name: 1-Methyl-2-pyrrolidone
CAS number: 872-50-4
Listing note: TE-teratogen; F2-flammable 2nd deg.

Pennsylvania Right To Know Components

Chemical name: 2-Pyrrolidinone, 1-methyl-
CAS number: 872-50-4

California Proposition 65 Chemicals List

WARNING: This product can expose you to chemicals including N-Methylpyrrolidone, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov for: N-METHYL-2-PYRROLIDONE.

US EPA TSCA public inventory

Chemical name: 2-Pyrrolidinone, 1-methyl-
CAS number: 872-50-4

Massachusetts Right To Know Components (105 CMR 670)

Chemical name: 1-Methyl-2-pyrrolidone
CAS number: 872-50-4
Asterisk: no; Refs: 6

Water hazard class (WGK, Germany)

Chemical name: N-methyl-2-pyrrolidone, cas number: 872-50-4
WGK hazard class: WGK 1 - Slightly hazardous to water

Maine Chemicals of Concern (COC, 38 MRSA §1693(2))

Chemical name: N-methylpyrrolidone
CAS number: 872-50-4

Washington State Chemicals of High Concern to Children (WAC 173-334-130)

Chemical name: N-methylpyrrolidone
CAS number: 872-50-4

Minnesota Chemicals of High Concern (Minn. Stat. 116.9401)

Chemical name: N-methylpyrrolidone
CAS number: 872-50-4
Hlth: development

Oregon High Priority Chemicals of Concern for Children's Health (HPCCCH, ORS 431A.253)

Chemical name: N-methylpyrrolidone
CAS number: 872-50-4 (acute, chronic effects)

California Prop. 65 components

Chemical name: N-methyl-2-pyrrolidone
CAS number: 872-50-4
06/15/2001 - Developmental toxicity

SARA 311/312 Hazards

Product name: Ferti-lome® Dollar Weed Control

SECTION 16: Other information

Further information/disclaimer

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