



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome Garden Cote

SECTION 1: Identification

Product identifier

Product name Ferti-lome Garden Cote
Product number 12140: 12141, 13141
Brand Ferti-lome

Recommended use of the chemical and restrictions on use

Fertilizer

Supplier's details

Name Voluntary Purchasing Groups, Inc.
Address 230 FM 87
Bonham TX 75418
USA

Telephone 855-270-4776

Emergency phone number(s)

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

- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 3

GHS label elements, including precautionary statements

Signal word

Danger

Hazard statement(s)

H412

Harmful to aquatic life with long lasting effects

Precautionary statement(s)

P273

Avoid release to the environment.

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P501

Dispose of contents/container in accordance with local/regional/national/international regulations.

Statement regarding ingredients of unknown toxicity

9.4 percent of the mixture consists of ingredients of unknown toxicity.

SECTION 3: Composition/information on ingredients

Substances

Hazardous components

1. Magnesium sulfate anhydrous

Concentration 2 - 12 %
CAS no. 7487-88-9

2. Ferrous sulfate

Concentration <= 2.5 %
CAS no. 7720-78-7

3. MANGANESE (II) SULFATE MONOHYDRATE

Concentration <= 2.5 %
CAS no. 10034-96-5

4. COPPER SULFATE PENTAHYDRATE

Concentration <= 2.5 %
CAS no. 7758-99-8

5. Zinc sulfate

Concentration <= 2.5 %
EC no. 231-793-3
CAS no. 7733-02-0
Index no. 030-006-00-9

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Supply fresh air; consult doctor in case of complaints.
In case of skin contact	Generally the product does not irritate the skin.
In case of eye contact	Rinse opened eye for several minutes under running water.
If swallowed	If swallowed and symptoms occur, consult a doctor.

Most important symptoms/effects, acute and delayed

Kaolin: Prolonged inhalation of excessive levels of kaolin may cause a benign pneumoconiotic condition, not normally associated with a decrement in lung function. In cases of long-term exposure to extremely high levels of dust, progressive fibrosis may occur with lung function impairment.

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

No further relevant information available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

C02, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Specific hazards arising from the chemical

No further relevant information available

Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

Environmental precautions

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/surface or ground water.

Methods and materials for containment and cleaning up

Dispose of the collected material according to regulations.

Reference to other sections

See section 7 for information on safe handling.

SECTION 7: Handling and storage

Precautions for safe handling

No special precaution are necessary if used correctly.

Conditions for safe storage, including any incompatibilities

No special requirements.

Specific end use(s)

Fertilizer.

SECTION 8: Exposure controls/personal protection

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

Skin protection

Wash hands before and after use.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)

Granules

Odor

Slight

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Odor threshold	Not Determined.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	1689 °C (3072 °F)
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1 g/cm ³ (8.345 lbs/gal)
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

Reactivity

No further relevant information available.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

No dangerous reactions known

Conditions to avoid

No further relevant information available

Incompatible materials

No further relevant information available

Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Magnesium Sulfate

Oral LD50 >2000 mg/kg (rat)

Inhalative LC50/4h >2000 mg/l (rabbit)

LC50/96h 2820 mg/l (Pimephales)

Iron(II) Sulfate

Oral LD50 1520 mg/kg (mouse)

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Copper Sulfate Pentahydrate
Oral LD50 300 mg/kg (rat)

Skin corrosion/irritation

No irritating effect

Serious eye damage/irritation

No irritating effect

Carcinogenicity

Non of the ingredients are listed

SECTION 12: Ecological information

Toxicity

Avoid release to the environment. Runoff from fire control or dilution water may cause pollution.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

Harmful to fish

SECTION 13: Disposal considerations

Disposal of the product

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Disposal of contaminated packaging

Disposal must be made according to official regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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SECTION 15: Regulatory information

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

Massachusetts Right To Know Components

Chemical name: Ferrous sulfate

CAS number: 7720-78-7

New Jersey Right To Know Components

Common name: FERROUS SULFATE

CAS number: 7720-78-7

Pennsylvania Right To Know Components

Chemical name: Sulfuric acid, iron(2+) salt (1:1)

CAS number: 7720-78-7

New Jersey Right To Know Components

Common name: KAOLIN

CAS number: 1332-58-7

Pennsylvania Right To Know Components

Chemical name: Kaolin

CAS number: 1332-58-7

Massachusetts Right To Know Components

Chemical name: Zinc sulfate

CAS number: 7733-02-0

New Jersey Right To Know Components

Common name: ZINC SULFATE

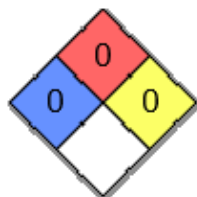
CAS number: 7733-02-0

Pennsylvania Right To Know Components

Chemical name: Sulfuric acid, zinc salt (1:1)

CAS number: 7733-02-0

NFPA Rating



SECTION 16: Other information

No data available.