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
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 or 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.

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.

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 befores 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

Odor threshold	Not Determined.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	1689 ºC (3072 ºF)
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/cm3 (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)

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 regualtions.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

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

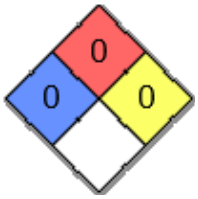
Pennsylvania Right To Know Components
Chemical name: Kaolin
CAS number: 1332-58-7

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.