



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome Winterizer for Established Lawns 10-0-14

SECTION 1: Identification

GHS Product identifier

Product name Ferti-lome Winterizer for Established Lawns 10-0-14
Product number 10895; 10900
Brand Ferti-lome

Other means of identification

NPK 10-0-14

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

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

General hazard statement

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

Classification of the substance or mixture

GHS label elements, including precautionary statements

Pictograms



Signal word

Danger

Hazard statement(s)

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H333
H303

May be harmful if inhaled
May be harmful if swallowed

Precautionary statement(s)

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Urea (CAS no.: 57-13-6; Index no.: 800180)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Potassium chloride (CAS no.: 7447-40-7)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Calcium carbonate (natural) (CAS no.: 1317-65-3)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Silica, crystalline (airborne particles of respirable size) (CAS no.: 14808-60-7)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Calcium sulfate (CAS no.: 7778-18-9)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Sulfuric acid, iron(2+) salt 1:1, monohydrate (CAS no.: 17375-41-6)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Zinc sulfate, monohydrate (CAS no.: 7446-19-7)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Copper sulfate pentahydrate (CAS no.: 7758-99-8)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Manganese (II) sulfate monohydrate (CAS no.: 10034-96-5)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Borates, tetra, sodium salts, pentahydrate (CAS no.: 12179-04-3)	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. Oils and ointments should not be used unless directed by a physician. Call a poison control center or doctor for treatment advice.
If swallowed	Do not induce vomiting.

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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 wash and shower facilities should be available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Foam, Water, Dry Chemical, or Carbon Dioxide

Specific hazards arising from the chemical

Decomposes upon heating to liberate ammonia. Avoid dispersion of dust in air to reduce potential explosion hazard.

Special protective actions for fire-fighters

Wear pressure-demand, self-contained breathing apparatus, (MSHA/NIOSH) approved or equivalent, and full protective gear.

Avoid inhalation of fumes and dusts.

Further information

Primary Routes of Exposure and Target Organs: Skin contact, inhalation, eye contact, ingestion

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

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.

Environmental precautions

Avoid the generation of dusts. Prevent release to sewers or waterways in accordance with all applicable federal, state, and

local environmental regulations.

Methods and materials for containment and cleaning up

Sweep up, vacuum the material and transfer to the original container, or to a sealed, labeled container.

Residue may be washed away with water.

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

SECTION 7: Handling and storage

Precautions for safe handling

Store in a cool, dry place, ventilated and out of direct sunlight.

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Conditions for safe storage, including any incompatibilities
Corrosive to cast iron and aluminum.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Calcium carbonate (CAS: 1317-65-3)

PEL (Inhalation): see PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. Calcium carbonate, total dust (CAS: 1317-65-3)

PEL (Inhalation): 15 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 10 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

3. Calcium carbonate, respirable fraction (CAS: 1317-65-3)

PEL (Inhalation): 5 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

4. Limestone (CAS: 1317-65-3)

PEL (Inhalation): see PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

5. Limestone, total dust (CAS: 1317-65-3)

PEL (Inhalation): 15 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 10 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

6. Limestone, respirable fraction (CAS: 1317-65-3)

PEL (Inhalation): 5 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

7. Marble (CAS: 1317-65-3)

PEL (Inhalation): See PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

8. Marble, total dust (CAS: 1317-65-3)

PEL (Inhalation): 15 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

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REL (Inhalation): 10 mg/m³ (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

9. Marble, respirable fraction (CAS: 1317-65-3)

PEL (Inhalation): 5 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m³ (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 mg/m³ (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

10. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)

PEL (Inhalation): See Annotated Z-3 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-3 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-3 (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Annotated Z-3 (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

11. Calcium sulfate (CAS: 7778-18-9)

PEL (Inhalation): see PNOR (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

12. Calcium sulfate, total dust (CAS: 7778-18-9)

PEL (Inhalation): 15 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 10 mg/m³ (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 10 mg/m³ (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

13. Calcium sulfate, respirable fraction (CAS: 7778-18-9)

PEL (Inhalation): 5 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m³ (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 mg/m³ (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

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

Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

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Respiratory protection

NIOSH/MSHA approved for protection against toxic dusts containing quartz.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Multi-colored granules
Odor	Slight chlorine
Odor threshold	No information available
pH	No information available
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	Not determined
Vapor pressure	Not applicable
Vapor density	No information available
Relative density	No information available
Solubility(ies)	Appreciable
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	Multi-colored
Explosive properties	No information available

Further safety characteristics (supplemental)

Reactivity in Water: Will not evolve flammable or toxic gases
Percent Volatile by Volume: <1%
Specific Gravity 0.05

SECTION 10: Stability and reactivity

Reactivity

Stable

Chemical stability

Stable

Conditions to avoid

Decomposes upon heating; Avoid heating or direct exposure to sunlight.

Incompatible materials

Strong oxidizers and alkalis

Hazardous decomposition products

Hazardous Decomposition Products: Ammonia, phosphorous oxides, cyanuric acid, cyanic acid and carbon dioxide.
Hazardous Polymerization: May occur

SECTION 11: Toxicological information

Information on toxicological effects

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Acute toxicity

Medical Conditions Generally Aggravated by Exposure: Disorders of respiratory system, dermatitis or other skin disorders.

Skin corrosion/irritation

Existing medical conditions are generally aggravated by exposure.

Serious eye damage/irritation

Eye and skin contact may result in local irritation.

Respiratory or skin sensitization

Inhalation of high concentrations may result in upper respiratory tract irritation. Ingestion of large quantities may cause symptoms of non-specific irritation of the gastrointestinal tract; nausea, vomiting, cramps, and diarrhea.

Chronic Overexposure: Inhalation of dust may permanently damage the lungs and results in the development of pneumoconiosis, silicosis, or other respiratory disorders

Germ cell mutagenicity

No data available.

Carcinogenicity

None

Reproductive toxicity

No data available.

Specific target organ toxicity (STOT) - single exposure

No data available.

Specific target organ toxicity (STOT) - repeated exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information

Toxicity

None Expected

Bioaccumulative potential

This material shows no bioaccumulation effect or food chain concentration toxicity.

Mobility in soil

Minimal mobility in soil.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

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

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Packaging disposal

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

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

New Jersey Right To Know Components

Common name: Calcium carbonate

CAS number: 1317-65-3

Pennsylvania Right To Know Components

Chemical name: Limestone

CAS number: 1317-65-3

New Jersey Right To Know Components

Common name: Silica, quartz

CAS number: 14808-60-7

Pennsylvania Right To Know Components

Chemical name: Quartz

CAS number: 14808-60-7

California Prop. 65 components

Chemical name: Silica, crystalline (airborne particles of respirable size)

CAS number: 14808-60-7

10/01/1988 - cancer

New Jersey Right To Know Components

Common name: Calcium sulfate

CAS number: 7778-18-9

Pennsylvania Right To Know Components

Chemical name: Calcium sulfate

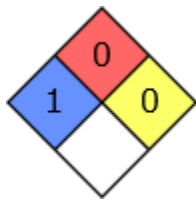
CAS number: 7778-18-9

HMIS Rating

Ferti-lome Winterizer for Established Lawns 10-0-14	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating

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SECTION 16: 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.

Further information/disclaimer

Voluntary Purchasing Groups, Inc. believes the information presented herein is accurate and correct as of the document date. The presented information is based upon available data from reliable sources. Voluntary Purchasing Groups, Inc. makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions. We disclaim all liability for injury or damage stemming from any improper use of the material or product described herein.