



## VOLUNTARY PURCHASING GROUPS, INC.

### Safety Data Sheet Ferti-lome® Yield Booster™ Ready-To-Use

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#### SECTION 1: Identification

##### Product identifier

Product name Ferti-lome® Yield Booster™ Ready-To-Use

Product number 10605

##### 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

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#### SECTION 2: Hazard identification

##### Classification of the substance or mixture

##### GHS label elements, including precautionary statements

##### Hazard statement(s)

H303+H313 May be harmful if swallowed or in contact with skin  
H320 Causes eye irritation

##### Precautionary statement(s)

P102 Keep out of reach of children.

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#### SECTION 3: Composition/information on ingredients

##### Substances

##### Hazardous components

Component	Concentration
Calcium chloride solution (CAS no.: 10043-52-4; EC no.: 233-140-8; Index no.: 017-013-00-2)	Not specified
Chlorine Solution (30 mg/L chlorine) (CAS no.: 7782-50-5; EC no.: 231-959-5; Index no.: 017-001-00-7)	Not specified

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### 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 wash and shower facilities should be available.

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### SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Foam, CO<sub>2</sub>, dry chemical, water

#### Special protective actions for fire-fighters

This product is not combustible. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water run-off. Self-contained breathing apparatus with full-face piece and full fire fighting turnout gear (Bunker Gear).

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### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Wear chemical resistant gloves, protective clothing and safety glasses.

#### Environmental precautions

Dispose of material according to State, Local and Federal regulations.

#### Methods and materials for containment and cleaning up

Contain and absorb spilled material with sand, vermiculite, or other inert absorbent. Place in appropriate container for disposal.

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### SECTION 7: Handling and storage

#### Conditions for safe storage, including any incompatibilities

Store this product in the original container in a locked storage area inaccessible to children and pets. Do not store near feed, seed, food or pesticides. Keep from freezing.

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### SECTION 8: Exposure controls/personal protection

#### 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. Eye wash and shower facilities should be available.

##### Respiratory protection

NIOSH/MSHA approved for protection

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### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form	Clear liquid
Odor	None
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	Not Established
Flash point	>212 F
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Upper/lower explosive limits	
Vapor pressure	Not Established
Vapor density	Not Established
Relative density	
Solubility(ies)	Very Soluble
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

#### Other safety information

Specific Gravity(H<sub>2</sub>O=1): 1.3136

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### SECTION 10: Stability and reactivity

#### Chemical stability

Stable, however, may decompose if heated.

#### Possibility of hazardous reactions

HAZARDOUS POLYMERIZATION: Will not occur

#### Conditions to avoid

#### Incompatible materials

Metals will slowly corrode in Aqueous Calcium Chloride Solutions. Aluminum and its alloys and yellow brass will be attacked by calcium chloride

#### Hazardous decomposition products

Chlorine and Chlorine dioxide gases

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### SECTION 11: Toxicological information

#### Information on toxicological effects

#### Skin corrosion/irritation

Irritation

#### Serious eye damage/irritation

Irritation

#### Respiratory or skin sensitization

Irritation of the mucous membrane and upper respiratory tract.

#### Germ cell mutagenicity

Not determined

#### Carcinogenicity

Not determined

#### Reproductive toxicity

Not determined

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### SECTION 12: Ecological information

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### SECTION 13: Disposal considerations

#### Disposal of the product

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

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**SECTION 14: Transport information**

**DOT (US)**

Not regulated

**IMDG**

Not regulated

**IATA**

Not regulated

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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: Chlorine

CAS number: 7782-50-5

**New Jersey Right To Know Components**

Common name: CHLORINE

CAS number: 7782-50-5

**Pennsylvania Right To Know Components**

Chemical name: Chlorine

CAS number: 7782-50-5

**Chemical Safety Assessment**

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**SECTION 16: Other information**

Voluntary Purchasing Groups, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.