



## **VOLUNTARY PURCHASING GROUPS, INC.**

### **Safety Data Sheet Ferti-lome® Root Stimulator**

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#### **SECTION 1: Identification**

##### **Product identifier**

Product name Ferti-lome® Root Stimulator

##### **Other means of identification**

EPA Reg. No. 7401-452

##### **Supplier's details**

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

##### **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 classification in accordance with OSHA (29 CFR 1910.1200)

GHS label elements, including precautionary statements

##### **Hazard statement(s)**

H317 May cause an allergic skin reaction

##### **Precautionary statement(s)**

P102 Keep out of reach of children.

Other hazards which do not result in classification

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

##### **Mixtures**

# Safety Data Sheet

## Ferti-lome® Root Stimulator

### Hazardous components

#### 1. Surfactant

Concentration 1 %

#### 2. Ammonium Phosphate

Concentration 28 % (Weight)

CAS no. 7783-28-0

#### 3. Potassium Chloride

Concentration 5 % (Weight)

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## SECTION 4: First-aid measures

### Description of necessary first-aid measures

General advice	Never give anything by mouth to an unconscious person. Rinse mouth with water.
If inhaled	Remove individual to fresh air. Use artificial respiration if breathing has stopped. Seek medical attention immediately.
In case of skin contact	Remove contaminated clothing. Flush with water for several minutes. Seek medical attention.
In case of eye contact	Flush with water for 15 minutes. Seek medical attention.
If swallowed	Seek medical attention immediately.

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## SECTION 5: Fire-fighting measures

### Suitable extinguishing media

Dry powder. Foam. Carbon Dioxide. Water Spray. Sand.

### Special protective actions for fire-fighters

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

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## SECTION 6: Accidental release measures

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### Reference to other sections

See section 8. Exposure controls and personal protection.

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## Ferti-lome® Root Stimulator

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### SECTION 7: Handling and storage

#### Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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

Store in original container. Keep container closed when not in use. Protect from moisture.

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### SECTION 8: Exposure controls/personal protection

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

##### Eye/face protection

Safety goggles.

##### Skin protection

PROTECTIVE GLOVES if skin contact is likely to occur.

##### Respiratory protection

Not required under conditions of normal use. Use a NIOSH/MSHA approved respirator if used in a confined space.

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### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form	Liquid
Odor	Mild odor
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	62.78 °C
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	Not Established
Upper/lower explosive limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

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### SECTION 10: Stability and reactivity

#### Chemical stability

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## Ferti-lome® Root Stimulator

Stable

### Conditions to avoid

Extremely high or low temperatures.

### Incompatible materials

Strong oxidizers, alkaline materials, bromine trifluoride, potassium permanganate, sulfuric acid.

### Hazardous decomposition products

Ammonia, cyanic acid.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Additional information

Symptoms/injuries after eye contact: Severe irritation.

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## SECTION 12: Ecological information

### Persistence and degradability

Not established.

### Bioaccumulative potential

Not established.

### Other adverse effects

Avoid release to the environment.

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## SECTION 13: Disposal considerations

### Disposal of the product

Disposal should be in accordance with local, state and federal regulations.

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## 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

#### Pennsylvania Right To Know Components

## **Safety Data Sheet**

### **Ferti-lome® Root Stimulator**

Chemical name: Sulfuric acid diammonium salt

CAS number: 7783-20-2

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#### **SECTION 16: Other information**

##### **Further information/disclaimer**

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.