



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome Root Stimulator

SECTION 1: Identification

GHS Product identifier

Product name	Ferti-lome Root Stimulator
Product number	10640; 10645; 10645Q; 10650; 10650Q
Brand	Ferti-lome

Other means of identification

EPA Reg. No. 7401-252

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

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

Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

GHS label elements, including precautionary statements

Hazard statement(s)

H317	May cause an allergic skin reaction
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Precautionary statement(s)

P102	Keep out of reach of children.
P103	Read label before use.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

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Component	Concentration
Surfactant	1 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Ammonium phosphate (CAS no.: 7783-28-0)	28 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Potassium chloride	5 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

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.

Most important symptoms/effects, acute and delayed

No information available.

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

No information available.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

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

Specific hazards arising from the chemical

No information available.

Special protective actions for fire-fighters

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

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

No information available.

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.

SECTION 7: Handling and storage

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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.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

No information available.

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.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Liquid
Odor	Mild odor
Odor threshold	No information available.
pH	No information available.
Melting point/freezing point	No information available.
Initial boiling point and boiling range	No information available.
Flash point	62.78 °C
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	Not Established
Vapor pressure	No information available.
Vapor density	No information available.
Relative density	No information available.
Solubility(ies)	Soluble in water
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	Liquid
Color	No information available.

SECTION 10: Stability and reactivity

Reactivity

No information available.

Chemical stability

Stable

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Possibility of hazardous reactions

No information available.

Conditions to avoid

Extremely high or low temperatures.

Incompatible materials

Strong oxidizers, alkaline materials, brominotrifluoride, potassium permanganate, sulfuric acid.

Hazardous decomposition products

Ammonia, cyanic acid.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Symptoms/injuries after eye contact: Severe irritation.

Skin corrosion/irritation

No information available.

Serious eye damage/irritation

Symptoms/injuries after eye contact: Severe irritation.

Respiratory or skin sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available.

Reproductive toxicity

No information available.

Specific target organ toxicity (STOT) - single exposure

No information available.

Specific target organ toxicity (STOT) - repeated exposure

No information available.

Aspiration hazard

No information available.

Additional information

Symptoms/injuries after eye contact: Severe irritation.

SECTION 12: Ecological information

Toxicity

No information available.

Persistence and degradability

Not established.

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Bioaccumulative potential

Not established.

Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

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

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

Pennsylvania Right To Know Components

Chemical name: Sulfuric acid diammonium salt

CAS number: 7783-20-2

SECTION 16: Other information

Further information/disclaimer

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