



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome® Premium Bedding Plant Food 7-22-8

SECTION 1: Identification

GHS Product identifier

Product name Ferti-lome® Premium Bedding Plant Food 7-22-8
Product number 13761; 13761Q; 13762
Brand Ferti-lome®

Other means of identification

NPK 7-22-8

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

No information available.

Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)

GHS label elements, including precautionary statements

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Monoammonium phosphate (CAS no.: 7722-76-1)	Not specified

Safety Data Sheet

Ferti-lome® Premium Bedding Plant Food 7-22-8

CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Vpg potash (Index no.: 800170)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Urea (CAS no.: 57-13-6)	Not specified
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Vpg micromix (Index no.: 800620)	Not specified
CLASSIFICATIONS: Acute toxicity, oral, Cat. 4; Skin corrosion/irritation, Cat. 2; Eye damage/irritation, Cat. 1; Toxic to reproduction, Cat. 1B; Specific target organ toxicity (repeated exposure), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H315 - Causes skin irritation; H319 - Causes serious eye irritation; H360 - May damage fertility or the unborn child [effect, route]; H373 - May cause damage to organs [organs] through prolonged or repeated exposure [route].	

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

Safety Data Sheet

Ferti-lome® Premium Bedding Plant Food 7-22-8

necessary to prevent skin contact.
Eye wash and shower facilities should be available.

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

Water, foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical

Decomposes upon heating to liberate ammonia and oxygen. Avoid dispersion of dust to reduce potential explosion hazard. Components are oxidizers, which decompose to liberate oxygen, which increases the burning rate of combustible matter. Contact with other combustible materials may result in ignition, violent combustion, or explosion.

Special protective actions for fire-fighters

Wear pressure-demand, self-contained breathing apparatus, MSHA/NIOSH approved or equivalent, and full protective gear. Avoid inhalations of fumes and dusts.

Further information

Polymerization will not occur.

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.

Conditions for safe storage, including any incompatibilities

INCOMPATIBILITY (Materials to Avoid)

Strong oxidizers, alkalis, organic agents and other agents. Do not mix compounds.

HAZARDOUS DECOMPOSITION PRODUCTS

Ammonia, phosphorous oxides, cyanuric acid, carbon dioxide, oxides of nitrogen, potassium and sulfur.

Safety Data Sheet

Ferti-lome® Premium Bedding Plant Food 7-22-8

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL.

Avoid breakage of bagged material or spills of bulk material. Use dustless systems for handling, storage, and cleanup. Practice good housekeeping. Do not permit dust to collect on walls, floors, sills, ledges, machinery, or equipment. Wash or vacuum clothing, which has become dusty.

Do not eat, drink, or smoke while handling.

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

Eye/face protection

Splash-proof or dust-resistant safety goggles to prevent eye contact with this substance. Contact lenses should not be worn.

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.

Respiratory protection

NIOSH/MSHA approved for protection against toxic dusts.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Multi-colored granules
Odor	slight odor
Odor threshold	Not determined
pH	Not determined
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	Not determined
Solubility(ies)	Appreciable
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Additional properties	
Physical state	Solid
Color	Multi-colored

SECTION 10: Stability and reactivity

Reactivity

Stable

Chemical stability

Safety Data Sheet

Ferti-lome® Premium Bedding Plant Food 7-22-8

Polymerization will not occur.

Possibility of hazardous reactions

Decomposes upon heating.

Conditions to avoid

Avoid heating or direct sunlight.

Incompatible materials

Strong oxidizers, alkalis, organic agents and other agents. Do not mix compounds.

Hazardous decomposition products

Ammonia, phosphorous oxides, cyanuric acid, carbon dioxide, oxides of nitrogen, potassium and sulfur.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Ingestion of large quantities may cause symptoms of non-specific irritation of the gastrointestinal tract; nausea, vomiting, cramps and diarrhea. Eye and skin contact may result in local irritation and burns. Acidic substances may cause burns with discoloration and corrosion of the mucous membranes of the mouth, throat and esophagus, with symptoms of thirst, epigastric pain, nausea, vomiting and diarrhea. Inhalation of high concentrations may result in upper respiratory tract irritation, may cause risk of asthmatic attack.

Repeated or prolonged eye contact may cause conjunctivitis. Repeated or prolonged inhalation may cause erosion of the teeth, inflammatory and ulcerative changes in the mouth, and possibly jaw necrosis. Repeated skin contact may result in dermatitis.

Skin corrosion/irritation

Skin contact may result in local irritation.

Serious eye damage/irritation

Eye contact may result in local irritation.

Respiratory or skin sensitization

Ingestion of large quantities may cause symptoms of non-specific irritation of the gastrointestinal tract; nausea, vomiting, cramps, and diarrhea. Inhalation of high concentrations may result in upper respiratory tract irritation. Inhalation of dust may permanently damage the lungs and result in the development of pneumoconiosis, silicosis, or other respiratory disorders.

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

Safety Data Sheet

Ferti-lome® Premium Bedding Plant Food 7-22-8

No information available.

Additional information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Disorders of respiratory system, asthma, dermatitis, or other skin disorders.

SECTION 12: Ecological information

Toxicity

Do not allow wash water to enter drinking water supplies, sewer, or waterways.
Keep animals away from large spills.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Cleanup with dustless methods (vacuum) and place into a labeled, closable container, or the original container for later disposal or reuse. Do not dry sweep. Flush with water. Do not allow wash water to enter drinking water supplies, sewer, or waterways. Keep animals away from large spills. Utilize personal protective equipment.

Packaging disposal

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.

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

US EPA TSCA public inventory

Chemical name: Phosphoric acid, ammonium salt (1:1)
CAS number: 7722-76-1

Water hazard class (WGK, Germany)

Chemical name: Monoammonium phosphate, cas number: 7722-76-1
WGK hazard class: WGK 1 - Slightly hazardous to water

US EPA TSCA public inventory

Chemical name: Urea
CAS number: 57-13-6

Water hazard class (WGK, Germany)

Safety Data Sheet

Ferti-lome® Premium Bedding Plant Food 7-22-8

Chemical name: Urea, cas number: 57-13-6
WGK hazard class: WGK 1 - Slightly hazardous to water

SECTION 16: Other information

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.