



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet

Ferti-lome Palm Tree Food 10-4-10

SECTION 1: Identification

GHS Product identifier

Product name	Ferti-lome Palm Tree Food 10-4-10
Product number	10726
Brand	Ferti-lome

Other means of identification

NPK 10-4-10

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
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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

Not a hazardous substance or mixture.

Classification of the substance or mixture

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

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

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SECTION 3: Composition/information on ingredients

Mixtures

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Components

Component	Concentration
Monoammonium phosphate (CAS no.: 7722-76-1)	5 - 10 %, Proprietary
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Ammonium sulfate (CAS no.: 7783-20-2)	15 - 25 %, Proprietary
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Potassium chloride (CAS no.: 7447-40-7)	10 - 20 %, Proprietary
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Urea (CAS no.: 57-13-6; Index no.: 800180)	5 %, Proprietary
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Ferrous sulfate (CAS no.: 7720-78-7)	5 %, Proprietary
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Manganese (II) sulfate monohydrate (CAS no.: 10034-96-5)	5 %, Proprietary
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	If inhaled, remove to fresh air. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
In case of skin contact	Wash with soap and water. Get medical attention if irritation develops.
In case of eye contact	Rinse with plenty of running water. Check for and remove any contact lenses. Get medical attention if irritation occurs.
If swallowed	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.

Most important symptoms/effects, acute and delayed

No data available.

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

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use flooding quantities of water for extinction.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

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No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

SECTION 7: Handling and storage

Precautions for safe handling

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

SECTION 8: Exposure controls/personal protection

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

Pictograms



Skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

Respiratory protection

Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)

Odor

Odor threshold

pH

Melting point/freezing point

Initial boiling point and boiling range

Solid granules

No data available.

No data available.

No data available.

No data available.

No data available.

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Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.

Additional properties

Physical state	Solid
Color	

SECTION 10: Stability and reactivity

Chemical stability

The product is stable.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No known significant effects or critical hazards.

SECTION 12: Ecological information

Toxicity

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

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IATA

Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

SARA 302 Components

Not Listed

SARA 311/312 Hazards

Not Listed

SECTION 16: Other information

Further information/disclaimer

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