



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet Ferti-lome Humic (Granular)

SECTION 1: Identification

GHS Product identifier

Product name	Ferti-lome Humic (Granular)
Product number	13120; 13124; 13125
Brand	Ferti-lome Green

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

MAY BE HARMFUL IF SWALLOWED
MAY CAUSE MILD SKIN IRRITATION
MAY CAUSE EYE IRRITATION
MAY CAUSE RESPIRATORY IRRITATION

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

Contains no hazardous ingredients at levels requiring disclosure by the OSHA Hazard Communication Standard (29CFR 1910.1200).

Components

Component	Concentration
Humic acid (CAS no.: 1415-93-6; EC no.: 215-809-6)	30 - 40 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

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. 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 dusts. 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

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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

Due to the presence of iron salts, call a physician if large quantities are ingested. The LD50 in acute oral toxicity studies is greater than 6,000 mg/kg. Large quantities can cause gastrointestinal irritation.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Carbon dioxide. Dry powder. Foam.

Specific hazards arising from the chemical

Decomposition products may be toxic.

Special protective actions for fire-fighters

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews.

Environmental precautions

Product is a natural organic and Non-Toxic and Non-Corrosive.

Methods and materials for containment and cleaning up

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 7: Handling and storage

Precautions for safe handling

Product is Non-Toxic and Non-Corrosive.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area. Do not store above 120°F. Keep out of reach of children.

SECTION 8: Exposure controls/personal protection

Control parameters

1. Humic acid (CAS: 1415-93-6 EC: 215-809-6)

TWA: 15 mg/m³ (US/OSHA)

TWA: 5 mg/m³ (US/OSHA)

TLV®: 10 mg/m³ (ACGIH)

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TLV®: 3 mg/m³ (ACGIH)

Appropriate engineering controls

Product is a natural organic and Non-Toxic and Non-Corrosive.

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

Pictograms



Eye/face protection

Avoid contact with eyes. Wear safety goggles.

Respiratory protection

If exposure limits may be exceeded, wear a NIOSH/MSHA approved respirator.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Dark reddish brown to black granular
Odor	No data available.
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
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)	Slightly soluble in water
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	Dark reddish brown to black
Explosive properties	No data available.
Oxidizing properties	No data available.

Further safety characteristics (supplemental)

No data available.

SECTION 10: Stability and reactivity

Reactivity

No information available.

Chemical stability

Stable under regular conditions

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Conditions to avoid

Do
not breathe vapors.

Incompatible materials

Humic Acid: Strong oxidizing agents

Hazardous decomposition products

Polymerization will not occur.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitization

No data 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.

SECTION 12: Ecological information

Toxicity

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

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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

Humic acid

CAS: 1415-93-6

New Jersey Right To Know Components

Humic acid

CAS: 1415-93-6

SARA 311/312 Hazards

Product name: Ferti-lome Humic (Granular)

HMIS Rating

Ferti-lome Humic (Granular)	
HEALTH	1
FLAMMABILITY	
PHYSICAL HAZARD	
PERSONAL PROTECTION	

NFPA Rating



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

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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.