



VOLUNTARY PURCHASING GROUPS, INC.

Safety Data Sheet

Ferti-lome Chelated Iron EDDHA 6% Water Soluble

SECTION 1: Identification

Product identifier

Product name	Ferti-lome Chelated Iron EDDHA 6% Water Soluble
Product number	10637; 10638
Brand	Ferti-lome

Other means of identification

6% Iron Chelate EDDHA

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(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

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)

H412	Harmful to aquatic life with long lasting effects
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Precautionary statement(s)

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P273	Avoid release to the environment.
P264	Wash hands thoroughly after handling.
P401	Store away from incompatible materials
P501	Dispose of contents/container to in accordance with Federal, State and local regulations.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

1. Ferrate(1-), [[alpha,alpha'-[1,2-ethanediyl]di(imino-kappaN)]bis[2-(hydroxy-kappaO)benzeneacetato-kappaO]](4-)]-, sodium (1:1)

Concentration 90 - <= 100 % (weight)

Other names / synonyms Ferric EDDHA, Sodium Salt
CAS no. 16455-61-1

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	Ensure that medical personnel are aware of the material involved, and take precautions to protect themselves.
If inhaled	Move to fresh air. Call a physician if symptoms develop or persist.
In case of skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
In case of eye contact	Rinse with water. Get medical attention if irritation develops and persists.
If swallowed	Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Direct contact with eyes may cause temporary irritation.

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

Provide general supportive measures and treat symptomatically

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective actions for fire-fighters

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Self-contained breathing apparatus and full protective clothing must be worn in case

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep out of low areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental precautions

Avoid release to the environment. Contact local authorities in case of spillage to drain/ aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

SECTION 7: Handling and storage

Precautions for safe handling

Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials.

Specific end use(s)

Residential fertilizer

SECTION 8: Exposure controls/personal protection

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

Pictograms



Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)

Dark Red to black. Dry Flowable powder/granules

Odor

Mild

Odor threshold

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pH	8-9
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability

Material is stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

Contact with incompatible materials.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

No hazardous decomposition products are known.

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

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No data available.

SECTION 12: Ecological information

Toxicity

No data available.

Other adverse effects

Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

SECTION 13: Disposal considerations

Disposal of the product

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

SECTION 16: Other information