

SECTION 1: Identification

1.1. Identification

Product name : Ferti-Nitro Plus Plant Nitrogen
 Chemical description : hydrolyzed protein amino acid; NPK: 13.62-0-0

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Fertilizers

1.3. Details of the supplier of the safety data sheet

Ferti-Organic, Inc
 3010 JCS Industrial Dr.
 Brownsville, TX 78526
www.ferti-organic.com

1.4. Emergency telephone number

Emergency number : Contact your local emergency response services.

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification
 Not classified

2.2. Label elements

GHS-US labeling
 No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Hydrolyzed protein amino acid	None	80	Not classified

Full text of classification categories and H statements: See section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove from exposure.
 First-aid measures after skin contact : Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
 First-aid measures after eye contact : Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If discomfort or redness persists seek medical attention.
 First-aid measures after ingestion : Wash out mouth with water. Drink 1-3 glasses of water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Dust at high concentrations can cause irritation of mucus membrane, sneezing and coughing.
 Symptoms/injuries after skin contact : Brief contact with the skin is not toxic. Repeated or prolonged contact will dehydrate skin.

Ferti-Nitro Plus Plant Nitrogen

Safety Data Sheet

Symptoms/injuries after eye contact	: May cause irritation.
Symptoms/injuries after ingestion	: Can cause upper GI tract disturbance (diarrhea, nausea, vomiting).

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water, Carbon dioxide.
Unsuitable extinguishing media	: None.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Non-combustible.
Explosion hazard	: None known.

5.3. Advice for firefighters

Protection during firefighting	: Firefighters should wear full protective gear.
--------------------------------	--

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available.

6.1.2. For emergency responders

No additional information available.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Stop the flow of material, if this is without risk.
Methods for cleaning up	: Avoid creating dust when cleaning up. Scoop, shovel or sweep to labeled containers for recycling/salvage if not contaminated by other material. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Dispose of product in accordance with local and national regulation.

6.4. Reference to other sections

No additional information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid inhaling dust. Avoid contact with eyes, skin and clothing. If dusting occurs use approved respirator to eliminate exposure.
-------------------------------	---

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Storage area should be cool and dry, out of direct sunlight.
--------------------	--

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available.

8.2. Exposure controls

Appropriate engineering controls	: Exhaust fan recommended in controlling any dusting.
Hand protection	: Rubber or plastic gloves.
Eye protection	: Splash goggles recommended where dusting is expected.
Skin and body protection	: Wear suitable working clothes.
Respiratory protection	: If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

Ferti-Nitro Plus Plant Nitrogen

Safety Data Sheet

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder
Color	: Creamish to light brownish yellow
Odor	: Not distinctive
Odor threshold	: No data available
pH	: 5.5 - 7 (1% solution)
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 0.47
Solubility	: Completely soluble
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Winds.

10.5. Incompatible materials

Contact w/ strong oxidizing agents

10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide.

Ferti-Nitro Plus Plant Nitrogen

Safety Data Sheet

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Acute inhalation LC/50: >20 mg/l/4h; Acute dermal LD/50: Non skin irritant; Eye toxicity: Non irritant
Skin corrosion/irritation	: Not classified pH: 5.5-7
Serious eye damage/irritation	: Not classified pH: 5.5-7
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available.

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available.

15.2. US State regulations

No additional information available.

SECTION 16: Other information

We do not accept liability for loss, injury, or damage which may result from misuse. Data is solely for guidance purposes of safe handling and uses. We encourage users to conduct their own testing best suited for their purposes under their conditions.