



HAZARD COMMUNICATION SAFETY DATA SHEET FERTI-NITRO PLUS PLANT NITROGEN

IDENTIFICATION

Name: Ferti-Nitro Plus Plant Nitrogen
Chemical Description: hydrolyzed protein amino acid; NPK: 13.62-0-0
Company: Ferti-Organic, Inc (956) 574-8280 www.ferti-organic.com

HAZARD(S) IDENTIFICATION

No special precaution needed. Product is not a contaminant.

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: N/A
Risk Phrases: N/A
Safety Phrases: N/A

PHYSICAL/CHEMICAL INGREDIENTS

Specific Gravity: 0.47
pH 1% solution: 5.5-7.0
Physical state: powder
Solubility in water: complete
Appearance: creamish to light brownish yellow
Odor: Not distinctive
Flash point: >212°F
Boiling point: >212°F

FIRST-AID MEASURES

ROUTES OF ENTRY

Inhalation: Dust at high concentrations can cause irritation of mucus membrane, sneezing and coughing.
Eyes: May cause irritation.

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Ingestion: Can cause upper GI tract disturbance (diarrhea, nausea, vomiting).
Skin: Brief contact with the skin is not toxic. Repeated or prolonged contact will dehydrate skin.
Signs/symptoms of exposure: Eye irritation and or sneezing, coughing and difficulty breathing.
Carcinogenicity: Ingredient not carcinogenic.

FIRE FIGHTING MEASURES

Flash Point: Non-combustible
Flammable limits: Smolders when directly heated in flame
Extinguishing media: Water, CO2
Special firefighting procedures: No special methods required

ACCIDENTAL RELEASE MEASURES

Eyes: 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.
Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
Ingestion: Wash out mouth with water. Drink 1-3 glasses of water.
Inhalation: Remove from exposure.

HANDLING AND STORAGE

Respiratory protection: Avoid inhaling dust. Avoid contact with eyes, skin and clothing. If dusting occurs use approved respirator to eliminate exposure.
Storage: Storage area should be cool and dry, out of direct sunlight.
Ventilation: Exhaust fan recommended in controlling any dusting.
Protective gloves/clothing: Rubber or plastic.
Eye protection: Splash goggles recommended where dusting is expected.
Work practices: Use good housekeeping practices. Keep containers tightly closed.
Spills: Avoid creating dust when cleaning up. Scoop, shovel or sweep to labeled containers for recycling/salvage if not contaminated by other material.
Waste disposal method: 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.
Container disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

PHYSICAL AND CHEMICAL PROPERTIES

Chemical Description: hydrolyzed protein amino acid; NPK: 13.62-0-0

STABILITY AND REACTIVITY

Stability: Stable under recommended storage and handling conditions (see section PRECAUTIONS FOR SAFE HANDLING AND USE). Hygroscopic.

Conditions to avoid: Exposure to direct sunlight and prolonged exposure to air.

Incompatibility: Contact with strong oxidizing agents.

Hazardous decomposition: Carbon monoxide, carbon dioxide.

Hazardous polymerization: Has not been reported.

TOXICOLOGICAL INFORMATION

Acute toxicity: low

Inhalation: LC50(rat)>20mg/liter/4h

Acute dermal: Non irritant

Eye toxicity: Non irritant

Ecotoxicity: N/A

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TRANSPORTATION

Follow the precautions indicated in the Safe Handling and Use of this HCS DS.

UN: UN Number Not classified

OTHER INFORMATION

NOTES: 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.

Latest update: June 17, 2015

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