

Material Safety Data Sheet

Grower's Secret Nitrogen 12-0-0 (GSN12)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Grower's Secret Nitrogen 12-0-0
Manufacturer: Grower's Secret, Inc.
268 Bush Street, #3738
San Francisco, CA 94104

Telephone Number: (888) 217-9426 x101
Product Class: Crop Fertilizers and Soil Amendments

2. HAZARD IDENTIFICATION

Emergency Overview

GSN12 is a light, micronized, dusty powder, 100% soluble in water. May cause irritation to the eyes, skin and respiratory system in people that inhale the dust.

Health Effects

Eyes: Contact with eyes (e.g. dust particles) may cause irritation, wash out quickly

Skin: This product may cause irritation and drying of skin with prolonged or repeated contact.

Inhalation: Inhalation of dust from the product may be irritating to the respiratory system resulting in sneezing, coughing and difficulty breathing.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hydrolyzed protein amino acid; Plant-based nitrogen 12-0-0, made from soybean.

4. FIRST AID MEASURES

Eyes: Immediately flush eyes with water for at least 15 minutes while holding eyelid open. Seek medical attention if irritation persists.

Skin: For skin contact, flush with large amount of water. Seek medical attention if discomfort occurs. Immediately take off contaminated clothing. Wash contaminated clothing before reuse.

Inhalation: If symptoms are experienced, remove source of contamination or move victim to fresh air. Seek medical attention if discomfort occurs.

Ingestion: If the material is swallowed and the patient is conscious, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get immediate medical attention or advice.

5. FIRE FIGHTING MEASURES

Flash Point: Nonflammable powder. Smolders when directly heated with a flame. Extinguishing material water and CO₂.

6. ACCIDENTAL RELEASE MEASURES

Spill and leak Procedures: Sweep or shovel material into appropriate container for disposal. Avoid creating dust. Flush area with water to remove trace residue. Dried surface may become sticky.

7. HANDLING AND STORAGE

Handling Procedures: Wash thoroughly after handling.

Storage Procedures: Avoid excessive humidity or moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use general ventilation. Local exhaust is suggested for use, where possible in enclosed or confined spaces.

Personal Protective Equipment:

General: Wear protective eyewear such as goggles when dusting is expected. Eye wash fountain and emergency showers are recommended.

Skin: Wear suitable protective clothing. Use impermeable gloves in enclosed areas.

Respiratory: In enclosed areas, such as a greenhouse, use an approved respirator or particle mask to avoid inhaling dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Cream to light brownish/yellow powder. Slight odor, not distinctive.

10. CHEMICAL STABILITY AND REACTIVITY

Chemical Stability: Hygroscopic. Stable under normal conditions. Store in air tight plastic containers.

Incompatibility: Contact with strong oxidizing agents.

Hazardous Decomposition: Carbon monoxide, carbon dioxide

Hazardous Polymerization: None known.

11. TOXOLOGICAL INFORMATION

Acute Toxicity: Low

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

Acute Dermal: Non Irritant

Eye Toxicity: Non Irritant

Ecotoxicity: N/A

12. ECOLOGICAL INFORMATION

No special precaution needed. Product isn't a contaminant.

13. DISPOSAL CONSIDERATIONS

Disposal instructions: The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, State and local regulations. Water from use of this product may be disposed of on site or at an approved waste disposal facility.

14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: NON HAZARDOUS

NONTOXIC

NOT FLAMMABLE

CONTAINS NO LIVE ORGANISMS

15. REGULATORY INFORMATION

Grower's Secret Nitrogen 12-0-0 may be used in certified organic production of food if OMRI abr3965 and CDFA, OIM Listed (CDFA 12-0-0 # 217170) according to the USDS National Organic Program rules.

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