



Winterfalls Ranch

Enriching and Nurturing your Horticulture Needs thru Sustainable Agriculture

Material Safety Data Sheet

Peruvian Gold™ Nitro

12 – 0 – 0

1. Product and Company Identification

Trade Name: Peruvian Gold Golden Nitro

Manufacturer: Winterfalls Ranch

P. O. Box 682

El Dorado, CA 95623

Telephone: (530) 644-2114

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Product Class: Fertilizers and Soil Amendments

2. COMPOSITION OF PRODUCT

Plant-based nitrogen 12-0-0, made from soybean meal.

3. HAZARD IDENTIFICATION

Peruvian Gold Golden Nitro 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.

4. FIRST AID

General

Non-hazardous material. If irritation or discomfort does occurs seek medical advice from a physician.

Eye Contact

Contact with eyes (e.g. dust particles) may cause irritation. Immediately flush eyes with plenty of water. Keep eyes wide open while flushing. Seek medical attention if irritation occurs.

Skin Contact

This product may cause irritation to skin with prolong or repeated contact. Wash with mild soap and water. Seek medical attention if discomfort occurs.

Inhalation

Inhalation of dust from the product may be irritating to the respiratory system. Move to fresh air

Ingestion

If the material is swallowed, get immediate medical attention or advice.

5. FIRE FIGHTING MEASURES**Flash Point:**

Nonflammable.

Flammability:

Not applicable

Fire Hazard:

Not applicable

6. ACCIDENTAL RELEASE MEASURES**Spill and Leak Procedures:**

Sweep or shovel material into appropriate container for disposal. Flush area with water to remove trace residue. Dried surface may become sticky.

7. HANDLING AND STORAGE**Handling Procedures:**

Wash thoroughly with soap and water after handling.

Storage Procedures:

Avoid excessive humidity or moisture

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Control

No specific ventilation requirements. Local exhaust is suggested for use, where possible, in enclosed or confined spaces. Eyewash facilities should be available.

Respiration Protection

In enclosed areas, such as a greenhouse, use a particle mask to avoid inhaling dust.

Eye Protection

Use safety eyewear. Eye wash fountain and emergency showers are recommended.

Hand Protection

Impermeable gloves should be worn when handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor

Light brownish/white powder. Slight odor.

10. STABILITY AND REACTIVITY

Stability

Hydroscopic. Stable under normal conditions. Store in air tight plastic containers.

Conditions to Avoid

Excessive humidity or moisture

Materials to Avoid

None. May precipitate with high concentrations of Calcium

Hazardous Decomposition Products

None known

Hazardous Polymerization

None known

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity

Non-toxic orally. Ingestion of significant amounts may cause nausea and discomfort

Acute Ocular Toxicity

Non-irritating to the ocular tissue of non-irrigated eyes.

Acute Dermal Toxicity

Not toxic dermally. No treatment-related effects were observed

Acute Dermal Irritation

No irritation or corrosive effects were observed.

Inhalation Toxicity

Not hazardous by inhalation

Skin Sensitization

No signs of irritation observed

12. ECOLOGICAL INFORMATION

Breakdown

Biodegradable. Do not release in any body of water or runoff into rivers or streams. Peruvian Gold Golden Nitro will biologically degrade within 30 days.

Ecotoxicity

Plant nutritional supplement. Nontoxic to marine algae, vertebrates or invertebrates.

13. DISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Product must be disposed of according to Federal, State or local procedures.

14. TRANSPORTATION INFORMATION

Non-hazardous material according to transport regulations. No special precautions are necessary.

15. REGULATORY INFORMATION

Composition

Derived from Soy Bean Meal

R-Phrases

This product does not require labeling. Marking according to hazardous product regulations is not required.

16. OTHER INFORMATION

Vendor Notes

Every endeavor has been made to ensure that the information contained in this MSDS leaflet is reliable, but we cannot accept responsibility for any loss, injury, or damage, which may result from its use or misuse. Data given in this MSDS is solely for the guidance in safe handling and use of the product by customers; they do not form any part of any specification. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied as to the accuracy completeness, or adequacy of the information contained herein. The manufacturer shall not be held liable (regardless of fault) to the vender's employees, or anyone else for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.