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SAFETY DATA SHEET

13-0-0 Blood Meal Fertilizer

Section 1. Identification

GHS product identifier : 13-0-0 Blood Meal Fertilizer
Product type : solid

Uses

Area of application : Not Applicable

Supplier

Supplier's details : Greenway Biotech, Inc.

Address

Street : 10632 Painter Ave
Postal code : 90670
City : Santa Fe Springs
Country : United States

Telephone number : +1 562-351-5168

e-mail address of person responsible for this SDS : sales@greenwaybiotech.com

Emergency telephone number (with hours of operation) : US: Chemtrec 24-hours Emergency Response: 1-800-424-9300
Canada: 24 Hour Emergency Service, (Canutec 613-996-6666)

National advisory body/Poison Center

Name : The National Poisons Emergency number
Telephone number : 1 800 222 1222

Section 2. Hazards identification

KEEP OUT OF REACH OF CHILDREN – May cause mild eye and skin irritation. Avoid contact with skin, eyes, open cuts, or sores. In case of contact, flush with water. Get medical attention for eyes. This blended dry fertilizer is Dried Blood. Nausea and vomiting could be expected upon large dose ingestion. The acute ingestive effects are described as nausea, chills, and diarrhea. Eye or skin contact with these products could cause irritation (particularly in sensitive persons), and respiratory irritation could be expected from the unprotected inhalation of fertilizer dusts. Product users should avoid prolonged or repeated skin contact by wearing impervious gloves, long sleeve shirt, long pants, socks and rubber boots, Goggles for eye protection are recommended . Wash thoroughly after handling and using this product.

This product is a multi-colored granule with dust odor. Primary routes of entry are inhalation, eye contact and skin contact.

Section 3. Composition/information on ingredients

N-K-P (Nitrogen-Phosphorus-Potassium) Mixed Dry Blended Fertilizers- No hazardous ingredient exceeds 1% of mixture

Chemical Ingredient	Percentage by Weight	Cas No.	TLV (Units)
Total Nitrogen	13	Mixture	Not listed
Fertilizer salts and inert ingredients	87		

Section 4. First aid measures

Eyes: Flush with clean running water for at least 15 minutes. If irritation persists, get medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, or if rash develops, get medical attention.

Ingestion: If conscious, drink 1 or 2 glasses of water. Get medical attention. Never induce vomiting or give anything by mouth to an unconscious person.

If Inhaled: Remove to fresh air. If irritation persists, get medical attention.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-301-7976.

Section 5. Fire Fighting Measures

Flash Point	:	Not applicable
Upper Flammable Limit	:	Not applicable
Extinguishing Media appropriate spray	:	Considered non-combustable, use medium to surrounding fire. Dry chemical CO ₂ foam, water or fog.
Hazardous Combustion Products nitrogen,	:	May include but are not limited to oxides of carbon, hydrogen chloride, hydrogen fluoride, oxides of ammonia, oxides of phosphorus, oxides of sulfur, hydrogen sulfide, and cyanuric acid.
Special Fire Fighting Procedures	:	Wear self-contained breathing apparatus and full protective gear.
Unusual Fire and Explosion Hazards	:	Sulfur-containing components may release oxides of sulfur.

Section 6. Accidental release measures

Steps to be taken if material is released or spilled: Avoid breathing dusts and vapors. Sweep up dry spills immediately and transfer to suitable containers for possible land application according to label use or for disposal. Check local, state and federal regulations for proper disposal.

Caution: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Section 7. Handling and storage

Handling Procedures: After breathing fertilizer dust. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

Storage Procedures: Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry, well-ventilated area, preferably in a locked storage area away from children, feed and food products and seed. Store at ambient temperatures. Do not contaminate water, food or feed by storage or disposal.

Section 8. Exposure controls / personal protection

Engineering Controls: Not normally required.

Respiratory Protection: Not normally required. If vapors or dusts exceed acceptable levels, wear a NIOSH approved pesticide respirator.

Eye protection: Chemical goggles or shielded safety glasses.

Skin Protection: Wear protective clothing: long sleeved shirts and pants, hat, rubber boots with socks. Wear rubber or chemical-resistant gloves.

	Osha PEL 8 hr TWA	ACGIH TLV-TWA
Nuisance Particulates	15 mg/m ³	Not established

Section 9. Physical and chemical properties

Appearance and Odor	:	Multi-Colored granules with dusty odor
Specific Gravity (Water = 1)	:	0.5606 g/ml
Vapor Pressure	:	Not Established
Percent Volatile (by Volume)	:	Not Established
Bulk Density	:	35.00 lbs/ft ³
Boiling point	:	Not established
Evaporation Rate	:	Not established
Solubility	:	Appreciable
pH	:	Not established
Salt Out	:	Not applicable

Note: These physical data are typical values based on material tested but may vary from sample. Typical values should not be constructed as a guaranteed analysis of any specific lot or as specification items.

Section 10. Stability and Reactivity

Stability	:	Stable
Incompatibility	:	Strong oxidizing agents
Conditions to avoid	:	Excessive heat and moisture
Hazardous Decomposition Products	:	May include, but is not limited to oxides of carbon, hydrogen chloride, hydrogen fluoride, oxides of nitrogen, ammonia, oxides of phosphorus, oxides of sulfur, hydrogen sulfide and cyanuric acid
Hazardous polymerization	:	Will not occur

Section 11. Toxicological information

Acute Oral LD50 (rat): >5000 mg/kg

Eye Irritation (rabbit): May cause irritation

Inhalation LC50 (rat): May cause respiratory tract irritation

Carcinogenic Potential: None listed in OSHA, NTP, IARC or ACGIH

Acute Dermal LD50 (rabbit): May cause irritation in sensitive individuals

Skin Sensitization (guinea pig): Not established

Section 12. Ecological Information

Drift or runoff may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment wash water. Do not apply when weather conditions favor drift from target area.

Section 13. Disposal Considerations

Do not reuse container. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or if allowed by state and local authorities by burning. If burned, stay out of smoke. Do not contaminate water, food or feed by storage or disposal.

Section 14. Transportation Information

DOT Shipping Description: NOT REGULATED BY USDOT

U.S. Surface Freight Classification: FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS), NOI; Dry (NMFC 68140, SUB 5; CLASS 50)

Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and

Maritime shipping modes.

Section 15. Regulatory information

NFPA & HMIS Hazard Ratings:

NFPA	HMIS
1 – Health	1 - Health
1 – Flammability	1 - Flammability
0 – Instability	0 – Reactivity

0-least 1-slight 2-moderate 3-high 4-severe

SARA Hazard Notification/Reporting

SARA Title 111 Hazard Category: Immediate – Y Fire – Y Sudden Release of Pressure – N
Delayed – N Reactive – N

Reportable Quantity (RQ) under U.S. CERCLA: Not listed

SARA, Title 111, Section 313: Not listed

RCRA Waste Code: Not listed

CA Proposition 65: Not listed

Section 16. Other information

MSDS STATUS: New

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