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SAFETY DATA SHEET

3-15-0 Bone Meal

Section 1. Identification

GHS product identifier : 3-15-0 Bone Meal
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

Classification of the Substance or Mixture

Classification (GHS-US)

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Label Elements

GHS-US Labeling

Hazardous Pictograms (GHS-US)	:	Not applicable
Signal Word (GHS-US)	:	Not applicable
Hazard Statements (GHS-US)	:	No known significant effects or critical hazards
Precautionary Statements (GHS-US)	:	Read label before use. Keep out of reach of children. If medical advice needed, have product container or label at hand
Other Hazards		
Hazards Not Otherwise Classified (HNOC)	:	None known
Unknown Acute Toxicity	:	100% of the mixture consists of ingredient(s) of unknown toxicity

Section 3. Composition/information on ingredients

Chemical Name	CAS No.	Chemical Formula
Bone Meal	68409-76-7	N/A

If chemical name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret

Section 4. First aid measures

First Aid Measures

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact: Wash off immediately with soap and plenty of water. Get medical attention if necessary.

Inhalation: Remove to fresh air. Get medical attention if necessary.

Ingestion: Drink plenty of water and induce vomiting only if victim is conscious. Never give anything by mouth to an unconscious person. Get medical attention if necessary.

Most important symptoms and effects

Symptoms: May cause irritation to the eyes, skin, gastrointestinal, and respiratory systems. Inhalation may aggravate respiratory problems.

Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical: Dusts or fumes may form explosive mixtures in air.

Protective equipment and precautions for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental release measures

Personal Precautions: Use personal protective equipment as required.

Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: Disposal considerations.

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: Sweep up and shovel into suitable containers for disposal. Avoid creating dust. Contained materials may be salvage for use if uncontaminated. Rinse area with clean water and dry before permitting traffic.

Section 7. Handling and storage

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Protect container from physical damage.

Storage Conditions: Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep away from the heat, sparks, and flame. Store away from incompatible materials. Keep out of the reach of children.

Incompatible Materials: Strong Alkaline agents.

Section 8. Exposure controls / personal protection

Engineering Controls: Apply technical measures to comply with the occupational exposure limits. Eyewash Stations. Showers.

Eye/Face Protection: Refer to 29 CFR 1910.133 for eye and face protection regulations. Safety glasses with side shields or chemical goggles.

Skin and Body Protection: Refer to 29 CFR 1910.138 for appropriate skin and body protection as required by employer code.

Respiratory Protection: Refer to 29 CFR 1910.134 for respiratory protection requirements. Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	:	Solid
Appearance	:	Grey, tan, or brown granules, powder
Odor	:	Organic and earthy
Odor threshold	:	Not determined
pH	:	Not established
Melting Point/Freezing Point	:	Not established
Boiling Point/Boiling Range	:	Not established
Flash Point	:	Not established
Evaporation Rate	:	Not established
Flammability (Solid, Gas)	:	Not determined
Upper Flammability Limits	:	Not determined
Lower Flammability Limit	:	Not determined
Vapor Pressure	:	Not established
Vapor Density	:	Not determined
Specific Gravity	:	Not determined
Water Solubility	:	Not established
Solubility in other solvents	:	Not determined
Partition Coefficient	:	Not determined
Auto-ignition Temperature	:	Not determined
Decomposition Temperature	:	Not determined
Kinematic Viscosity	:	Not determined
Dynamic Viscosity	:	Not determined
Explosive Properties	:	May form combustible dust mixtures with air.
Oxidizing Properties	:	Not determined
Density	:	+/- 52 lb/cubic foot

Section 10. Stability and Reactivity

Reactivity: Not reactive under normal conditions.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reaction: None under normal processing.

Hazardous Polymerization: Hazardous polymerization does not occur.

Conditions to Avoid: See Sec. 7 Handling and Storage.

Incompatible Materials: Strong Alkaline agents.

Hazardous Decomposition Products: None known based on information supplied.

Section 11. Toxicological information

Information on likely routes of exposure

Eye Contact	:	Avoid contact with eyes.
Skin Contact	:	Avoid contact with skin.
Inhalation	:	Do not inhale.
Ingestion	:	Do not ingest
Component Information	:	Not available
Symptoms	:	Please see section 4 of this SDS for symptoms.
Carcinogenicity	:	Based on the information provided, this product does not contain any carcinogens as listed by OSHA, IARC or NTP
Numerical measures of toxicity	:	Not determined
Unknown Acute Toxicity	:	100% of the mixture consists of ingredient(s) of unknown toxicity.

Section 12. Ecological Information

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information: Not available

Persistence/Degradability: Not determined

Bioaccumulation: Not determined

Mobility: Not determined

Other Adverse Effects: Not determined

Section 13. Disposal Considerations

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations. Uncontaminated product may be used as fertilizer.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14. Transportation Information

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT: Not regulated

IATA: Not regulated

IMDG: Not regulated

Section 15. Regulatory information

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Bone Meal	Present		X	Present		Present	X	Present	X	X

Legend:

TSCA – United States Toxic Substances List/Non-Domestic Substances List
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS – European Inventory of existing Chemical Substances/European List of Notified chemical Substances
ENCS – Japan Existing and New Chemical Substances
IECSC – China Inventory of existing Chemical Substances
KECL – Korean Existing and Evaluated Chemical Substances
PICCS – Philippines Inventory of Chemicals and Chemical Substances
AICS – Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313: Not Determined

US State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Bone Meal 68409-76-7	X	X	X

Section 16. Other information

Additional Product Information: This product blend is made from natural products and may contain naturally occurring microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust and eye irritation. The proper hygiene practices necessary to prevent health hazards from any naturally occurring substance such as soil, bark, ect., should be observed.

NFPA Health Hazards
Not determined

Flammability
Not determined

Instability
Not determined

Special Hazards
Not determined

HMIS Health Hazards
Not determined

Flammability
Not determined

Physical Hazards
Not determined

Personal Protection
Not determined

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Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials for the safety and health of employees, customers, and the environment. This hazard information is not a substitute for risk assessment under actual conditions of use. Users have the responsibility to keep currently informed on chemical hazard information, to design and update their own programs, and to comply with all applicable national, federal, state, and local laws and regulations regarding safety, occupational health, right to know, and environmental protection.