



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

**Product Identifier**

**Product Name:** Super Grade Bacteria - Multi-Purpose Organic Waste Digester  
**Product Code:** SGB-Pwdr

**Recommended use of the chemical and restrictions on use.**

**Recommended Use:** Organic Waste Digester

**Uses advised against:** Please refer to Product Data Sheet

**Details of the Supplier of the Safety Data Sheet**

**Distributor:** Drainage Solutions LLC  
7014 13th Ave, #945  
Brooklyn, NY. 11228  
**Information Telephone Number:** 1-929-412-5280

**24 Hour Emergency Telephone Number:** Infotrac: 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. HAZARD IDENTIFICATION

**Classifications**

The mixture is not considered hazardous by the 2012 OSHA Hazard Communications Standard (29CFR1910.122)  
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label

**Elements Emergency**

<b>Not Classified</b>
<b>Overview</b>
May form combustible dust concentrations in air
<b>Appearance:</b> Tan; free-flowing <b>Physical State:</b> Powder <b>Odor:</b> Slight fermentation odor

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**Skin:** IF ON SKIN: Gently wash with plenty of soap and water.

**Inhalation:** IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a

position that is comfortable for breathing. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.

Ingestion: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

#### Precautionary Statement - Storage

Protect from sunlight. Do not expose to temperature exceeding 50° C / 122° F

Keep away from sources of ignition.

#### Precautionary Statement - Disposal

Dispose of unused product and container in accordance with all applicable local and regional requirements.

Hazards not otherwise classified (HNOC)

#### Other Information

Health Hazard	1
Fire Hazard	1
Reactivity	0

### **3. COMPOSITION / INFORMATION ON INGREDIENTS**

<i>Ingredient</i>	<i>CAS</i>
Bran	130498-22-5
Sodium Chloride	7647-14-5
Protease/Subtilisin	9014-01-1
Amylase	9000-90-2
Viable Bacterial Cultures	NA

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### **4. FIRST-AID MEASURES**

#### First-Aid Measures

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin Contact:** Wash off with warm water and soap.

**Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position that is comfortable for breathing.

**Ingestion:** Clean mouth with water and afterwards drink plenty of water.

#### Most Important Symptoms and Effects, Both Acute and Delayed

**Main symptoms** No information available.

#### Indication of any Immediate Medical Attention and Special Treatment Needed

**Notes to Physician** Contains Viable Bacterial Cultures classified as Risk Group 1.

## **5. FIRE-FIGHTING MEASURES**

### Suitable Extinguishing Media

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

### Specific Hazard Arising from the Chemical

May cause allergic respiratory reaction.

### 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.

## **6. ACCIDENTAL RELEASE MEASURES**

### Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions	Ensure adequate ventilation
Environmental Precautions	Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably a vacuum cleaner equipped with a high efficiency filter. Flush remainder carefully with plenty of water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing.

### Methods and Material for Containment and Cleaning Up

Methods for Clean-up	After cleaning, flush away traces with water. Avoid dust formation.
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## **7. HANDLING AND STORAGE**

### Precautions for Safe Handling

Handling	Wear personal protective equipment. Wash hands and face thoroughly after handling. Avoid formation of aerosols and dust from drying out of spilled preparation. Avoid splashing and high pressure washing. Ensure good ventilation of the room when handling the preparation. Store container in a cool place.
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### Conditions for Safe Storage. Including any Incompatibilities

Storage Conditions	Keep container tightly closed in a dry, cool and well ventilated place.
Packaging Material	There can be many packaging types for the product.
Incompatible Materials	Strong acids or alkali compounds, and strong oxidizing agents may inactivate biological cultures.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

## Control Parameters

### Appropriate Engineering Controls

#### Individual Protection Measures, such as Personal Protective Equipment

Eye Protection	Avoid contact with eyes.
Skin and Body Protection	No special technical protective measures are necessary.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practices.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### Information on Basic Physical and Chemical Properties

Physical State	Powder
Appearance	Tan; free-flowing
Odor	Slight fermentation odor
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>
Melting/freezing point	No information available
Evaporation Rate VALUE	No information available
Flammability (solid, gas)	No information available
Burning Rate 100mm VALUE	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	No information available
Water Solubility	No information available
Solubility In Other Solvents	No information available
Partition Coefficient (n-octanol/water)	No information available
Auto Ignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity of Product	No information available
Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available

### Other Information

Softening Point	No information available
VOC Content	No information available
Density	No information available

## **10. STABILITY AND REACTIVITY**

### Reactivity

No data available

### Chemical Stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Conditions to Avoid

Stable under normal conditions. Avoid excessive temperature variations below 32° F or 155° F.

Incompatible Materials

Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures.

Hazardous Decomposing Products

**11. TOXICOLOGICAL INFORMATION**

Information on Likely Routes of Exposure

- Inhalation            Inhalation of dust in high concentration may cause irritation of respiratory system.
- Eye Contact            Contact with eyes may cause irritation.
- Skin Contact            Prolonged or repeat contact may dry skin and cause irritation.
- Ingestion            Ingestion may cause stomach discomfort.

Information on Toxicological Effects

Symptoms            No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

- Sensitization            No information available
- Mutagenic Effects            No information available
- Reproductive Effects            No information available
- Specific target organ systemic toxicity (single exposure)            No information available
- Specific target organ systemic toxicity (repeated exposure)            No information available
- Chronic Toxicity            No information available
- Aspiration Hazard            No information available

**12. ECOLOGICAL INFORMATION**

Ecotoxicity

None known

Persistence/Degradability

The organic component of the product are biodegradable.

Bioaccumulation/Accumulation

Does not bioaccumulate.

**Other Adverse Effects**

No known effect

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Waste Disposal Method**                      Dispose of contents/container in accordance with local regulation.

**Contaminated Packaging**                      Dispose of wastes in an approved waste disposal facility.

**14. TRANSPORT INFORMATION**

**DOT**    Not regulated

**TOG**    Not regulated

**MEX**    Not regulated

**ICAO**    Not regulated

**IATA**    Not regulated

**IMDG/IMO**                                      Not regulated

**RID**    Not regulated

**ADR**    Not regulated

**ADN**    Not regulated

**15. REGULATORY INFORMATION**

**International**

**Inventories Legend:**

*TSCA-United States Toxic Substances Control Act Section B(b) Inventory.*

*DSL/NDSL-Canadian Domestic Substances List / Non Domestic Substances List*

**Federal Regulations**

**SARA313**

Section 313 of Title III of the Super Fund Amendments and Reauthorization Act of 1986(SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40CFR Part 372.

**SARA311/312**

**Hazardous Categorization**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

