WINFIELD UNITED

Safety Data Sheet

May be used to comply with OSHA's Hazard Standard, 29 CFR 1910.1200

U.S. Department of Labor

Occupational Safety and Health Administration

Form Approved OMB No. 1218-0072

IDENTITY (As Used on Label and List) **Dash™ PBS**	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 1 – Product and Company Identification

Manufactured For: **Winfield Solutions, LLC**	Medical Emergency Telephone Number **1-877-424-7452 (24hrs)**
Address **P. O. Box 64589** **St. Paul, MN 55164-0589**	Non-Emergency Business Inquiries: 1-855-494-6343 **Mon – Fri 8am – 5pm (Central Standard Time)**
Date Prepared 04/03/23	**FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300 (24 hours)**

SECTION 2 – Hazard Ingredients

2.1 Hazardous Components (Specific Chemical Identity; Common Name(s))	**OSHA PEL**	**ACGIH TLV**	**Additional Information**
GHS classification Comb. Dust	N/A	N/A	N/A
2.2 Label elements			

GHS (labeling)

Signal Word (GHS): Warning
Hazzard Statements (GHS): May form combustible dust concentrations in air.

SECTION 3 – Composition/Information on Ingredients

soy protein carrier	N/A	N/A	**(**CAS-No.) 9010-10-0
blend of Beneficial bacteria	N/A	N/A	N/A

SECTION 4 – First Aid Measures

4.1 Description of First Aid Measures

First aid measure after inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First aid measure after skin contact: If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.

First aid measure after eye contact: If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

First aid measures after ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/effects after inhalation: May cause irritation to respiratory tract.

Symptoms/effects after skin contact: May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking, and tear production, with possible redness and swelling.

Symptoms/effects after ingestion**:** May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3 Indication of Any Immediate Medical Attention and Specific Treatment Needed

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

SECTION 5 – Firefighting and Explosion Data

5.1 Firefighting Measures

Suitable extinguishing media: Foam, Dry Powder, Water Spray, Carbon Dioxide (CO2)

Unsuitable extinguishing media: unknown

5.2 Special Hazards Arising from the Substance or Mixture

Fire hazard: Combustible dust. Products of combustion may include and are not limited to: oxides of carbon.

Explosion hazard: Airborne dust in sufficient quantities when confined and exposed to a sufficient ignition source can explode.

Reactivity: No dangerous reactions known under normal use conditions.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

General measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (ie, cleaning dust surfaces with compressed air). Use only non-sparking tools. Remove all sources of ignition.

6.1.1 For Non-Emergency Personnel

No additional information available

6.1.2 For Emergency Responders

No additional information available

6.2 Environmental Precautions

Prevent entry into sewers and public waters

6.3 Methods and Material for Containment and Cleaning Up

For Containment: Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up: Sweep or shovel spill**s** into appropriate container for disposal. Provide ventilation.

6.4 Reference to Other Sections

For further information refer to Section 8 “Exposure controls/personal protection”

Section 7 Handling and Storage

7.1 Precautions for Safe Handling

Precautions for safe handling: keep away from heat, hot surfaces, sparks, open flames, and ignition sources. No smoking. Avoid generating and breathing dust. Avoid contact with skin and eyes. Do not swallow. Use only in well-ventilated areas. Handel and open containers with care. When using do not eat drink or smoke. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning, clothing equipment, etc. is not recommended. Handling this product may result in electrostatic accumulation, use proper grounding procedures.

Hygiene measures: Wash contaminated clothing before reuse. Alway**s** wash hands after handling the product.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Storage conditions: Keep out of reach of children. Keep container tightly closed. Keep away from sources of ignition. Store in dust-tight, dry, labeled containers. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area.

SECTION 8 Exposure Controls/Personal Protection

8.1 Control Parameters

No Additional information available

8.2 Exposure Controls

Appropriate engineering controls: Ensure good ventilation of the workstation. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved n handling of this product contain explosion relief vents or an explosion suppression system or oxygen-deficient environment. Ensure the dust handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape in the dust of the work area (i.e. there is not leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Hand Protection: Wear suitable gloves.

Eye Protection: Safety glasses or goggles are recommended when using this product

Skin and body protection: Wear protective clothing

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls: Avoid release to the environment.

Other information: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink, or smoke when using this product.

SECTION 9 – Physical/Chemical Characteristics

9.1 Information on Basic Physical and Chemical Properties

Physical state:	Solid
Appearance:	Powder
Color:	Off White
Odor:	Characteristic
pH:	6.3-6.8 (1g/l)
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Relative evaporation rate (butyl acetate=1):	No data available
Flammability (solid, gas):	Combustible dust
Vapor Pressure:	No data available
Relative Vapor Density at 20^0 C:	No data available
Relative Density:	No data available
Solubility:	Water, slightly soluble
Partition coefficient n-octane/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinetic:	No data available
Viscosity, dynamic:	No data available
Explosive limits:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

9.2 Other Information

No additional information available

SECTION 10 – Stability and Reactivity

10.1 Reactivity

No dangerous reactions known under normal conditions of use.

10.2 Chemical Stability	
Stable under normal conditions, may form combustible dust particles in air.	
10.3 Possibilities of Hazardous Reactions	
No dangerous reactions known under normal conditions of use.	
10.4 Conditions to Avoid	
Heat. Incompatible materials. Avoid dust formation. Sources of ignition.	
10.5 Incompatible Materials	
Oxidizing agents.	
10.6 Hazardous Decomposition Agents	
May include and are not limited to: oxidizing agents.	
SECTION 11 – Toxicological Information	
Acute toxicity (oral):	not classified
Acute toxicity (dermal):	not classified
Acute toxicity (inhalation):	not classified
Skin corrosion/irritation:	not classified pH: 6.3-6.8 (at1.00 g/l)
Serious eye damage/irritation:	not classified pH: 6.3-6.8 (at 1.00 g/l)
Respiratory or skin sensation:	not classified
Gem cell mutagenicity:	not classified
Carcinogenicity:	not classified
Reproductive toxicity:	not classified
STOP-signal exposure:	not classified
STOP-repeated exposure:	not classified
Aspiration hazard:	not classified
Symptoms/effects after inhalation:	May cause irritation to respiratory tract.
Symptoms/effects after skin contact:	May cause skin irritation. Repeated exposure may cause dryness or cracking.
Symptoms/effects after eye contact:	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking, and tear production, with possible redness and swelling.
Symptoms/effects after ingestion:	May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information: Likely routes of exposure:	ingestion, inhalation, skin and eye.
SECTION 12 – Ecological Data	
12.1 Toxicity	
Ecology-general: May cause long term adverse effects in the aquatic environment.	
12.2 Persistence and Degradability	
The product is readily biodegradable in the natural environment. Spillage may result in a biological oxygen demand. Organisms in the product are naturally occurring in soil.	
12.3 Bioaccumulate Potential:	
Bioaccumulation potential: unlikely	
12.4 Mobility in the Soil	
No additional information available	
12.5 Other Adverse Effects	
No other effects known	
SECTION 13 – Disposal Considerations	
Containers may be rinsed with water and disposed of as approved by local/national regulations.	
SECTION I14 – Transport Information	
Transportation of this product is not regulated.	

SECTION 15 – Regulatory Information
15.1 Federl Regulations
All components of this product are listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
15.2 International Regulations
No additional information available
15.3 US State Regulations
CA Proposition 65- This product does not contain any substances known to the state of California to cause cancer, developmental or reproductive harm.
SECTION 16: Other Information
Revision date: 11.21.2024
Microorganisms exempt from CDR requirements – 40 CFR 725.
*All microbials are considered naturally derived, nonpathogenic, non-toxic, non-GMO, non-hazardous and non-corrosive. *All microorganisms are not considered to be pathogenic for livestock or poultry. Refer to NFPA 654, Standard for the prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particular Solids, for Safe Handling.