

TECHNOLOGY DEPARTMENT

MATERIAL SAFETY DATA SHEET

SCD Probiotics complies with the current Food Grade Manufacturing Practices (GMP) Guidelines enforced in the United States by the Food and Drug Administration. GMP guidelines provide a system of processes, procedures and documentation to assure the product produced has the identity, strength, composition, quality and purity that it is represented to possess.

MATERIAL: All Seasons Bokashi™

CODE NO. BOB001

PREPARED: 9.14.05 by NT
REVISED: 5.4.10 by KD
PRODUCT NAME: All Seasons Bokashi™
DISTRIBUTED BY: SCD Probiotics
Kansas City, MO 64106
(913) 541-9299

SECTION I - PRODUCT IDENTIFICATION

GENERAL OR GENERIC NAME: All Seasons Bokashi™

HAZARD RATING: HEALTH: 0 Normal Material
FIRE: I Must be preheated before ignition can occur
REACTIVITY: 0 Stable

SECTION II - HAZARDOUS INGREDIENTS

If present, carcinogens and chemicals subject to reporting are identified in this section:

<u>INGREDIENTS</u>	<u>%(By Volume)</u>	<u>Note</u>
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No hazardous ingredients present; not hazardous to humans, animals or plants.

SECTION III - FIRE AND EXPLOSION INFORMATION

FLASH POINT:	N/A	HAZARDOUS DECOMPOSITION BYPRODUCTS:	None
EXPLOSION LIMIT:	0	FIRE FIGHTING PROCEDURES:	N/A
EXTINGUISHING:	N/A	SPECIAL FIRE & EXPLOSION HAZARDS:	None

SECTION IV - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: None; see Section II
HEALTH HAZARDS: None
CARCINOGENICITY: Non-carcinogenic
EFFECTS OF CHRONIC OVEREXPOSURE: None
PRIMARY ROUTES OF ENTRY: Skin contact, Eye contact, Ingestion, Inhalation



SIGNS AND SYMPTOMS OF EXPOSURE:

SKIN: None
EYES: May cause eye irritation
INHALATION: May cause breathing un-comfort
INGESTION: May cause gas

FIRST AID:

IF ON SKIN: None
IF ON EYES: Flush with fresh water
IF INHALED: Remove to open and well ventilated area
IF INGESTED: Drink fresh water

SECTION V - REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Will not occur
STABILITY: Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently
INCOMPATIBILITY: None
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None; biodegradable

SECTION VI - SPILL OR LEAK PROCEDURES

IN CASE OF LEAK OR SPILL: Sweep with broom, sewer disposal
WASTE DISPOSAL METHOD: Sewer disposal
HANDLING AND STORING PRECAUTIONS: Store at room temperature
EPA HAZARDOUS WASTE: No

SECTION VII - PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: None
VENTILATION: None
PROTECTIVE GLOVES: Optional
EYE PROTECTION: Safety glasses recommended
PROTECTIVE CLOTHING: None
WORK PRACTICES: Clean up spills

SECTION VIII – HANDLING AND STORAGE

MINIMUM/MAXIMUM STORAGE TEMPERATURE: Not available
HANDLING: Keep containers closed when not being used.
This product presents a weak off-gassing of organic volatiles. Avoid direct or prolonged breathing off-gas.
STORAGE: Store in closed containers. Store in an area that is clean, dry, away from ignition source, isolated from all toxic and harmful substances.



SECTION IX – EXPOSURE CONTROLS/PERSONAL PROTECTION

INTRODUCTORY REMARKS:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section VII: Spill or Leak Procedures.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

EXPOSURE GUIDELINES:

Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting the regulatory requirements. The following limits apply to this material, where, if indicated, S=skin and C=ceiling limit:

PARTICULATES NOT OTHERWISE REGULATED RESPIRABLE FRACTION			
	NOTES	TWA	STEL
OSHA		5mg/cu m	

PARTICULATES NOT OTHERWISE REGULATED TOTAL DUST			
	NOTES	TWA	STEL
OSHA			

PARTICULATES NOT OTHERWISE CLASSIFIED, RESPIRABLE PARTICULATE			
	NOTES	TWA	STEL
OSHA			

ENGINEERING CONTROLS:

Where engineering controls are indicated by use conditions or a potential for excessive exposure exits, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

RESPIRATORY PROTECTION:

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

Under normal conditions, in the absence of other airborne contaminants, the following devices should provide protection from this material up to the conditions specified by the appropriate OSHA, WHMIS or ANSI standard(s): gas/mist/dust filtering respirator.

EYE/FACE PROTECTION:

EYE and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriated ANSI Z87 approved equipment should be selected for the particular use intended for this material.

It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.



SKIN PROTECTION:

Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permanent resistance.

WORK PRACTICE CONTROLS:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- 1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.

SECTION X – TOXICOLOGICAL INFORMATION**ACUTE EYE IRRITATION:**

No test data found for product.

ACUTE SKIN IRRITATION:

No test data found for product.

ACUTE DERMAL TOXICITY:

No test data found for product.

ACUTE RESPIRATORY IRRITATION:

No test data found for product.

ACUTE INHALATION TOXICITY:

No test data found for product.

ACUTE ORAL TOXICITY:

No test data found for product.

CHRONIC TOXICITY:

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be “probable” or “suspected” human carcinogens.

No additional test data found for products.

