



September 9, 2006

Material Safety Data Sheet
DINAZYME C/S DRY

Section 1: Chemical Product and Company Information

Product Name: DINAZYME C/S DRY ENZYME BLEND
FORM; POWDER.
COMPANY ADDRESS
130-C JOHN MORROW PARKWAY 220
GAINESVILLE, GA 30501
PHONE 770-531-1309 EXT. 131; FAX 770-234-6283

Section 2: Composition/ Information on Ingredients

Chemical Name:
Chemical Family: Enzyme Formula: N/A
Molecular Weight: Not available Synonyms: (
Hazard Classification: N/A Shipping Name: N/A
CAS Number: 9025-55-2 I.U.B. Number: 3.2.1.32 Source: *Trichoderma sp.*
9032-75-1 3.2.1.15 *Aspergillus niger*
9000-90-2 3.2.1.1 *Bacillus spp.*
9001-92-7 3.4.21.7 *Bacillus subtilis*

Section 3: Hazards Identification

Material: This product does not meet the definition of hazardous material given in 29 CFR part 1910.1200 (OSHA). Information on this form is furnished as a customer service.
Health Hazard Information: Potential allergic reaction and/or breathing problem if powder inhaled.
Potential Health Effects:
Eye: Product is not known to cause eye irritation. However, it is recommended that direct contact with eyes be avoided.
Skin: Product is not irritating to skin. However, it is recommended that prolonged contact with skin be avoided.
Ingestion: Ingestion of material is not known to result in significant adverse health effects.
Inhalation: May cause sensitization by inhalation in hypersensitive individuals. Avoid dust generation.
Signs and Symptoms of Exposure: The allergic symptoms are such as runny nose, cough, sneeze, languor, slight attack of fever. Contact with powder causes irritation to sensitive skin and eyes.

Section 4: First Aid Measures

Inhalation: If inhaled remove from contaminated area to fresh air. Report situation. Seek medical attention if allergic response is exhibited.
Eye Contact: In case of contact with eyes, flush eyes with low pressure water for at least 15 minutes. If irritation develops, seek medical attention.
Skin Contact: In case of contact with skin, wash skin with soap and water. Remove contaminated clothing and wash.
Ingestion: If swallowed, rinse mouth and throat thoroughly with tap water. Drink water.

Section 5: Fire Fighting Measures

Flash Point/Ignition Temperature: HMIS Rating: Health = 1
Flammability = 1
Reactivity = 0
Protection Against Fire & Explosions: Under normal use no special requirements. If extremely high levels generated in ambient air, material can support combustion.
Explosion Characteristics: N/A

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Hazardous Decomposition Products: None
Suitable Fire Extinguishing Media: Water, foam, halon

Section 6: Accidental Release Measures

If a spill occurs: Spilled product should be removed immediately to avoid formation of dust. Vacuum or moisten with water and collect into a sealable container for disposal. Flush spill area with plenty of water (low pressure) into approved sewer. Avoid formation of aerosols and dusts. Ensure sufficient ventilation. Wash contaminated clothing.

Section 7: Handling and Storage

Handling: Never handle powder without appropriate personal protective equipments in accordance with Section 8. Avoid formation of dust. Avoid splashing and high pressure washing. Ensure good ventilation of the room when handling this product. Storage: Store container in a dry, cool place.

Section 8: Exposure Controls/ Personal Protection

Respiratory Protection: None required under usual condition of use. However, if exposure potential exists, refer to NIOSH Criteria Guides to determine appropriate unit. Hand Protection: Impermeable gloves recommended. Eye Protection: Protective glasses or eye shield. Industrial Hygiene: Maintain good conditions of industrial hygiene.

Section 9: Physical and Chemical Properties

Boiling Point, 760 mm Hg: N/A Specific Gravity: N/A
Evaporation rate (butyl acetate = 1): N/A % Volatile by Volume: N/A
Appearance & Odor: Off white to Tan powder, typical enzyme odor. Pour Point: N/A
Vapor Pressure at 20 degrees: N/A Vapor Density: (air =1) N/A
Solubility in water, % by weight: Dispersible in water pH Value (1% sol.): 3.8 – 8.0

Section 10: Stability and Reactivity

Stability: Stable
Hazardous Decomposition or Byproducts: N/A
Section 11: Toxicological Information
Inhalation of dust may cause respiratory allergy in susceptible individuals. Oral rat LD-50 >2g/kg-classifies product as "non-toxic".
Not classified as a carcinogen by IARC, OSHA, or NTP.

Section 12: Ecological Information

Product is readily biodegradable.

Section 13: Disposal Considerations

No special disposal method required, except that in accordance with current local authority regulations.

Section 14: Transport Information

Road/Rail: Not classified Sea: Not classified Air: Not Classified

Section 15: Regulatory Information

The active ingredient and all components of the enzyme preparation are listed on the TSCA Inventory.

Section 16: Other Information

Any person who experiences any allergic or sensitive reactions to this powder should refrain from handling it again. The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of the company, it is the responsibility of the user to determine the conditions of safe use of this product. The information does not represent analytical specifications.

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