

BIG 500G; BIG 500Q

Material Safety Data Sheet

May be used to comply with
 OSHA-S Hazard Communication Standard
 29 CFR 2910.1200. Standard must be
 consulted for specific requirements.

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

Identity (As Used on Label and List) Big D Enzym D	#500 & #504	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.
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Section I

Manufacturer's Name Big D Industries, Inc.	Emergency Telephone Number (800) 535-5053 (800) 654-4752
Address (number, Street, City, State, and ZIP Code) 5620 S. W. 29th Street (73179)	Telephone Number for Information (800) 654-4752 (405) 682-2541
P. O. Box 82219	Date Prepared 01/01/2007
Oklahoma City, OK 73148	Signature of Preparer (optional)

Section II - HMIS Rating

Health 1	Flammability 0	Reactivity 0
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Section III - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s)) %(optional)	OSHA PEL	ACGIH TLV	Other Limits Remnd.
Viable bacterial cultures	N/A	N/A	

Section IV - Physical/Chemical Characteristics

Boiling Point	N/D	Specific Gravity (H ₂ O = 1)	1
Vapor Pressure (mm Hg.)	N/D	Melting Point	N/A
Vapor Density (AIR = 1)	N/D	Evaporation Rate (Butyl Acetate=1) (Water=1)	1
Solubility in Water: 100%			
Appearance and Odor: White liquid with pleasant fragrance			

Section V - Fire and Explosion Hazard Data

Flash Point (Method Used) None	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media None required			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

N/A = Not Applicable

N/D = Not Determined

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N/E = Not Established

Section VI - Reactivity Data

Stability	Unstable		Conditions to Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents such as nitric acid.			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur	X	

Section VII - Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
Health Hazards (Acute and Chronic): Acute - May cause eye irritation on direct contact. Chronic - Low order of toxicity; possibility of dermal sensitivity.						
Carcinogenicity:	NTP?	No	IARC Monographs?	No	OSHA Regulated?	No
Signs and Symptoms of Exposure: Eye irritation and redness on direct contact.						
Medical Conditions Generally Aggravated by Exposure: None known						
Emergency and First Aid Procedures: Eye contact: flush with large amounts of water. May cause corneal damage on prolonged contact. Seek medical attention. Ingestion: Give large amounts of water and induce vomiting. Seek medical attention.						

Section VIII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:	Absorb with inert absorbent material such as sand. Wash unrecoverable material down the drain with water.
Waste Disposal Method:	Incineration or landfill for absorbent material. Dispose of in accordance with local, state, and federal regulations.
Precautions to be Taken in Handling and Storing:	Do not store near heat or open flame
Other precautions:	None

Section IX - Control Measures

Respiratory Protection (Specify Type): None required			
Ventilation	Local Exhaust	Adequate	Special N/A
	Mechanical (General)	Adequate	Other N/A
Protective Gloves: Rubber or plastic for prolonged contact.	Eye Protection: Safety goggles for splash protection		
Other Protective Clothing or Equipment: Eye wash/shower facility nearby.			

Work/Hygiene Practices: Good housekeeping practices. Avoid skin/eye contact

N.A. = Not Applicable

N.D. = Not Determined

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N/E = Not Established

OSHA 174, Sept. 1985