

Material Safety Data Sheet

(MSDS)

Product Number: # 500, 504, 509, & 510 Product Name: Big D Enzym D	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 I – Product and Company Information					
Manufacturer Name: Big D Industries, Inc.	Emergency Telephone Number: (800) 535-5053 (800) 654-4752				
Address: 5620 S. W. 29th Street, Oklahoma City, OK 73179	Telephone Number for Information: (800) 654-4752 (405) 682-2541				
P. O. Box 82219	Date Prepared: 02/01/2010				
Oklahoma City, OK 73148	Signature of Preparer (optional)				
HMIS Rating Health: 1 Flammability: 0 Reactivity: 0 Personal Protect: A					
Section II - Hazardous Ingredients/Identity Information					
Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	Other Limits	%(optional)
Viable bacterial cultures	No CAS #	N/A	N/A	N/A	
Fragrance	No CAS #	N/A	N/A	N/A	
Water	CAS # 7732-18-5	N/A	N/A	N/A	
Proprietary Ingredients	No CAS #	N/A	N/A	N/A	
Section III - 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: Milky liquid with various fragrance					
Section IV - Fire and Explosion Hazard Data					
Flash Point (Method Used): N/D	Flammable Limits: N/A			LEL N/A	UEL N/A
Extinguishing Media: Water, dry foam, or carbon dioxide.					
Special Fire Fighting Procedures: Use protective clothing when this material is involved in a fire.					
Unusual Fire and Explosion Hazards: None					

N/A = Not Applicable

N/D = Not Determined

Page 1 of 2

N/E = Not Established

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents and strong acids.			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur	X	
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation: No Skin: Yes Ingestion: Yes			
Health Hazards (Acute and Chronic): EYES/SKIN: May cause irritation and redness. INGESTION: Gastrointestinal discomfort, nausea, and vomiting.			
Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No			
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE			
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency and First Aid Procedures: EYE: Flush with water for at least 15 minutes. SKIN: Wash affected area with plenty of soap and water. INGESTION: Drink 1 – 2 glasses of water and seek medical attention.			
Section VII - Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled: Absorb with inert absorbent material. 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 VIII - 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/Hygienic Practices: Wash hands after use. Avoid skin/eye contact			