

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) #500 & #504 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			
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 06-01-2002	
Oklahoma City, OK 73148		Signature of Preparer (optional)	
Section II - HMIS Rating			
Health 1		Flammability 0	
		Reactivity 0	
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		Specific Gravity (H ₂ O = 1)	
Vapor Pressure (mm Hg.)		Melting Point	
Vapor Density (AIR = 1)		Evaporation Rate (Butyl Acetate=1) (Water=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	UEL
		N/A	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

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/Hygienic Practices: Good housekeeping practices. Avoid skin/eye contact			
N.A. = Not Applicable N.D. - Not Determined Page 2 N/E = Not Established OSHA 174, Sept. 1985			