

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 Big D Enzyme 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.
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Section I

Manufacturer's Name Big D Industries	Emergency Telephone Number (800) 535-5053 (800) 654-4752
Address (number, Street, City, State, and ZIP Code) 5620 SW 29th Street	Telephone Number for Information (800) 654-4752 (405) 682-2541
P.O. Box 82219	Date Prepared 01/01/99
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	Specific Gravity (H ₂ O = 1)	N/D
Vapor Pressure (mm Hg.)	Melting Point	N/D
Vapor Density (AIR = 1)	Evaporation Rate (Butyl Acetate=1) (Water=1)	N/D

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/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			