

# 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) #307, #310 Big D Liquid Deodorant, Natural		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.		
<b>Section I</b>				
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)		
<b>Section II - HMIS Rating</b>				
Health 1		Flammability 2		
		Reactivity 0		
<b>Section III - Hazardous Ingredients/Identity Information</b>				
Hazardous Components (Specific Chemical Identity: Common Name(s)) %(optional)		OSHA PEL	ACGIH TLV	Other Limits
				Remnd.
DiPropylene Glycol Methyl Ether #20324-32-7		100 ppm	150 ppm	-
Ethyl Acetate CAS #141-78-6 400 ppm		400 ppm	-	-
Amyl Acetate CAS #628-63-7		100 ppm	100 ppm	-
Petroleum Distillates CAS #64741-65-7		100 ppm	100 ppm	-
Diethyl Phtalate CAS #84-66-2 (This is a toxic chemical subject to the reporting requirements of Sec. 313 SARA-III and 40 CFR 372)		5 mg/m <sup>3</sup>		
Propylene Glycol CAS #57-55-6		N/E	N/E	
<b>Section IV - Physical/Chemical Characteristics</b>				
Boiling Point	N/D	Specific Gravity (H <sub>2</sub> O = 1)	N/D	
Vapor Pressure (mm Hg.)	N/D	Melting Point	N/A	
Vapor Density (AIR = 1)	N/A	Evaporation Rate	<1	
Solubility in Water: Slight				
Appearance and Odor: Clear yellow liquid with pleasant fragrance.				
<b>Section V - Fire and Explosion Hazard Data</b>				
Flash Point (Method Used) N/D	Flammable Limits N/A		LEL N/A	UEL N/A
Extinguishing Media Carbon dioxide, dry foam				
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

<b>Section VI - Reactivity Data</b>			
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	
<b>Section VII - Health Hazard Data</b>			
Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic): Acute - Oral LD50 (Rats) = 10.3 grams/kilogram body weight. Chronic - Low order of toxicity. Frequent or prolonged contact may irritate skin. Inhalation - Non hazardous under short term conditions.			
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No			
Signs and Symptoms of Exposure: None known			
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 attn.			
Ingestion: Do not give anything by mouth to an unconscious person. Seek Medical attn. Inhalation: Remove person to fresh air. Seek medical attn.			
<b>Section VIII - Precautions for Safe Handling and Use</b>			
Steps to be Taken in Case Material is Released or Spilled: Wash small spills with soap and water. For large spills, soak up with inert absorbent material			
Waste Disposal Method: Landfill for absorbent material. Dispose in accordance with local, state, and federal regulations. Do not incinerate.			
Precautions to be Taken in Handling and Storing: Do not store near heat nor open flame			
Other precautions: None			
<b>Section IX - Control Measures</b>			
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

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N/E = Not Established

OSHA 174, Sept. 1985 Inc