

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) #300, 415 Big D Liquid Deodorant - Cinnamon	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 01/01/1999
Oklahoma City, OK 73148	Signature of Preparer (optional)

Section II - HMIS Rating			
Health 1	Flammability 2	Reactivity 0	

Section III - Hazardous Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits % (optional) Recmd.
Ethyl Acetate CAS #141-78-6	400 ppm	400 ppm	-
Amyl Acetate CAS #628-63-7	100 ppm	100 ppm	-
DiPropylene Glycol Menthyl ether CAS #20324-32-7	100 ppm	100 ppm	-
Propylene Glycol CAS #57-55-6	N/E	N/E	
Cinnamic Aldehyde CAS #104-55-2	N/E	N/E	

Section IV - Physical/Chemical Characteristics			
Boiling Point	N/D	Specific Gravity (H ₂ O = 1)	N/D
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	> 1	Evaporation Rate	< 1

Solubility in Water: Slight
Appearance and Odor: Clear Liquid with Cinnamon Fragrance

Section V - Fire and Explosion Hazard Data			
Flash Point (Method Used) N/D	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Carbon Dioxide or dry foam			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

N/A = Not Applicable N/D = Not Determined

Page 1

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 - 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: Flush skin and eyes repeatedly with water. If ingested, give large amounts of water & induce vomiting.			
Get medical attention.			

Section VIII - Precautions for Safe Handling and Use	
Steps to be Taken in Case Material is Released or Spilled: Wash small spills with soap & water. For large spills, soak up with inert absorbent material such as sand.	
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	

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.			