

# 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) #301, 311 Super D Industrial 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 01/01/1999		
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)) OSHA PEL	ACGIH TLV	Other Limits	
%(optional)		Rcmnd.	
Ethyl Acetate CAS #141-78-6	400 ppm	400 ppm	-
Amyl Acetate CAS #628-63-7	100 ppm	100 ppm	-
DiPropylene Glycol methyl ether CAS #20324-32-7	100 ppm	150 ppm	-
Petroleum Distillates CAS #64741-65-7	100 ppm	100 ppm	-
Diethyl Phthalate CAS #87-66-2*	5mg/m <sup>3</sup>		
(*This is a toxic chemical subject to the reporting requirements of Sec. 313 SARA-III and 40 CFR 372)			

<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.)	Undetermined	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate	<1

Solubility in Water: Slight
Appearance and Odor: Clear 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 or 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 Established

<b>Section VI - Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid:
	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.    Seek medical attn.			
Ingestion: Give large amounts of water and induce vomiting.    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
	such as sand.
Waste Disposal Method:	Landfill for absorbent material.    Do not incinerate.    Dispose of in accordance with Local, State and Federal regulations.
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.			