

Material Safety Data Sheet

(MSDS)

Product Number: # 147, 150, & 151 Product Name: Big D Granular Deodorant	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 – Product and Company Information					
Manufacturer Name: Big D Industries, Inc.	Emergency Telephone Number (800) 535-5053 (800) 654-4752				
Address: 5620 SW 29 th Street, Oklahoma City, OK 73179	Telephone Number for Information (800) 654-4752 (405) 682-2541				
P.O. Box 82219	Date Prepared: 02/28/2012				
Oklahoma City, OK 73148	Signature of Preparer (optional)				
HMIS Rating Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: A					
Section II - Hazardous Ingredients/Identity Information					
Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Montmorillonite Clay, Calcined	70892-59-0	N/A	N/A	N/A	86-90%
Crystalline Silica (Quartz)***	14808-60-7	5mg/m ³ /%SiO ₂ +2	0.1 mg/m ³	N/A	6.0-10%
Crystalline Silica (Cristobalite)***	14464-46-1	5mg/m ³ /%SiO ₂ +2	0.05 mg/m ³	N/A	<3.0%
Fragrance	No CAS #	N/A	N/A	N/A	<1.0
***Indicates a product known to the State of California to cause cancer per Proposition 65					
Section III - Physical/Chemical Characteristics					
Boiling Point	N/A	Specific Gravity (H ₂ O = 1)		N/A	
Vapor Pressure (mm Hg.)	N/A	Melting Point		N/A	
Vapor Density (AIR = 1)	N/A	Evaporation Rate		N/A	
Solubility in Water: Insoluble					
Appearance and Odor: Dried clay like chips with various fragrances					
Section IV - Fire and Explosion Hazard Data					
Flash Point (Method Used): N/A	Flammable Limits		LEL N/A	UEL N/A	
Extinguishing Media: Carbon dioxide (CO ₂), dry foam, or water					
Special Fire Fighting Procedures: None					
Unusual Fire and Explosion Hazards: None					

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): None			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	
Section VI - Health Hazard Data			
Route(s) of Entry:	Inhalation: No	Skin: Yes	Ingestion: Yes
Health Hazards (Acute and Chronic) Acute - None known Chronic - Prolonged exposure to dust may cause eye, nasal or bronchial irritation.			
Carcinogenicity:	NTP: No	IARC Monographs: No	OSHA Regulated: No
No Signs and Symptoms of Exposure: SKIN/EYES: Irritation INGESTION: Difficulty swallowing and gastrointestinal distress			
Medical Conditions Generally Aggravated by Exposure: None Known			
Emergency and First Aid Procedures: SKIN/EYES: Flush or wash area with water for at least 15 minutes and seek medical attention is irritation persist. INGESTION: Drink 1 – 2 glasses of water and seek medical attention.			
Section VII - Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled: Sweep up and discard in trash			
Waste Disposal Method: 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: None required	Eye Protection: None required		
Other Protective Clothing or Equipment: Do not store near heat or open flame.			
Work/Hygienic Practices: Wash hands after use.			