

Material Safety Data Sheet

(MSDS)

Product Number: # 451, 452, 455, 460, 462, 463, 464, 465, 467, 468, 469, 471, 472, 473, 474, 475, 476, 478, 482, 483, & 484 Product Name: Big D Metered Aerosol Deodorants	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 S. W. 29th Street, Oklahoma City, OK 73179	Telephone Number for Information: (800) 654-4752 (405) 682-2541				
P. O. Box 82219	Date Prepared: 03/08/2011				
Oklahoma City, OK 73148	Signature of Preparer (optional)				
HMIS Ratings Health: 2 Flammability: 4 Reactivity: 1 Personal Protection: A					
Section II - Hazardous Ingredients/Identity Information					
Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	Other Limits	%(optional)
Acetone	CAS # 67-64-1	750 ppm	750 ppm	N/A	>10.0%
Liquefied Petroleum Gas	CAS # 68476-86-8	1000 ppm	800 ppm	N/A	>10.0%
Fragrance	No CAS #	N/A	N/A	N/A	<5.0%
Benzene***	71-43-2	N/A	N/A	N/A	trace
Cumene***	98-82-8	N/A	N/A	N/A	trace
Acetaldehyde***	75-07-0	N/A	N/A	N/A	trace
Toluene***	108-88-3	N/A	N/A	N/A	trace
Ethylene Oxide*** ##	75-21-8	N/A	N/A	N/A	trace
*** Indicates a product known to the state of California to cause cancer per Proposition 65 ## is only found in products 460 and 483					
Section III - Physical/Chemical Characteristics					
Boiling Point	N/D	Specific Gravity (H ₂ O = 1)		0.70 – 0.80	
Vapor Pressure (mm Hg.)	N/D	Melting Point		N/A	
Vapor Density (AIR = 1)	>1	Evaporation Rate		<1	
Solubility in Water: N/E					
Appearance and Odor: Fine mist spray with various fragrances.					
Section IV - Fire and Explosion Hazard Data					
Flash Point (Method Used) -156°F TCC CPR Section 40 Division 5, Class B, Flammable Aerosol		Flammable Limits		LEL 0.6%	UE 19%
Extinguishing Media: Foam, dry chemical, water, or carbon dioxide (CO ₂)					
Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat. Wear a full face positive pressure self contained breathing apparatus when fighting fires.					
Unusual Fire and Explosion Hazards: CAUTION: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.					

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: Avoid open flames and temperatures > 120F
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents and strong acids.			
Hazardous Decomposition or Byproducts: Combustion may produce carbon monoxide.			
Hazardous Polymerization	May Occur		Conditions to Avoid: N/A
	Will Not Occur	X	
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes			
Health Hazards (Acute and Chronic): Acute – High vapor concentrations can cause irritation of the eyes and respiratory system. Chronic – Skin irritation can occur among sensitive individuals following repeated contact.			
Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No			
Signs and Symptoms of Exposure: INHALATION - Shortness of breath, dizziness and light headedness. EYES – Irritation and redness. SKIN – Irritation. INGESTION - May cause chemical pneumonia if aspired into lungs.			
Medical Conditions Generally Aggravated by Exposure: None Known			
Emergency and First Aid Procedures: INHALATION: Move to fresh air. SKIN: Wash with plenty of soap and water and seek medical attention if irritation persists. INGESTION: Seek medical attention or call your nearest poison control center.			
Section VII - Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate all ignition sources. Wash 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 or open flame or temperatures exceeding 120°F.			
Other precautions: Handle as a flammable liquid			
Section VIII - 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.			