

Material Safety Data Sheet

(MSDS)

Product Number: #070 Product Name: Big D Gel D Viscid Aerosol 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 S. W. 29th Street, Oklahoma City, OK 73179		Information Telephone Number: (800) 654-4752 (405) 682-2541	
P. O. Box 82219		Date Prepared: 02/01/2010	
Oklahoma City, OK 73148		Signature of Preparer (optional)	
HMIS Ratings Health: 2 Flammability: 4 Reactivity: 0 Personal Protection: A			
Section II - Hazardous Ingredients/Identity Information			
Hazardous Components	CAS #	OSHA PEL	ACGIH TLV Other Limits %(optional)
Propane	CAS # 74-98-6	1000 ppm	N/A N/A
Isobutane	CAS # 75-28-6	800 ppm	N/A N/A
Fragrance	No CAS #	N/A	N/A N/A
Section III - Physical/Chemical Characteristics			
Boiling Point	N/D	Specific Gravity (H ₂ O = 1)	0.80
Vapor Pressure (mm Hg.) PSIG 68 ⁰ F	60	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate	< 1
Solubility in Water: 67%			
Appearance and Odor: Aerosol spray gel with fragrance.			
Section IV - Fire and Explosion Hazard Data			
Flash Point (Method Used): 156 ⁰ F	Flammable Limits		LEL UEL 1.8% 9.5%
Extinguishing Media: Carbon dioxide, dry chemical, water fog, or alcohol foam			
Special Fire Fighting Procedures: Self contained			
Unusual Fire and Explosion Hazards: CAUTION: Contents under pressure. Exposure to temperatures above 120 ⁰ F may cause bursting.			

N/A = Not Applicable

N/D = Not Determined

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N/E = Not Established

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents such as nitric acid, heat, sparks, and open flames. Do not use on fabrics containing acetate and/or polyesters.			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	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: Emphysema			
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 and eliminate all ignition sources.			
Waste Disposal Method: Do not discard empty container in incinerator or fire. Dispose of in accordance with local, state, and federal regulations.			
Precautions to be Taken in Handling and Storing: Store in cool area away from heat or open flame. Do not store above 120°F as container may burst, releasing highly flammable propellant.			
Other Precautions: Vapors are flammable in the event can is punctured, but not flammable when sprayed from can. Keep area ventilated during use and until all vapors are gone. Do not smoke during or after application until vapors are gone. Avoid continuous breathing of vapor and spray mist.			
Section VIII - Control Measures			
Respiratory Protection (Specify Type): Self contained breathing apparatus			
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 and wash hands after use.			

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OSHA 174, Sept. 1985