



# Material Safety Data Sheet

## Big D Gel D Viscid Aerosol Deodorant

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	Big D Gel D Viscid Aerosol Deodorant
<b>Product Identifier</b>	070
<b>MSDS No.</b>	0084
<b>Other Means of Identification</b>	Viscid Aerosol Deodorant
<b>Product Family</b>	Aerosol Products
<b>Manufacturer</b>	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
<b>Supplier</b>	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
<b>Emergency Contact Information</b>	Big D Industries, 800 535 5053, 24hr (Infotrac)
<b>Use</b>	Aerosol Deodorant

### 2. HAZARDS IDENTIFICATION

**Emergency Overview** compressed gas. Fragrant (Fragrance) odour. FLAMMABLE AEROSOL.

#### Potential Health Effects

<b>Route of Exposure</b>	Inhalation; eye contact; skin contact.
<b>Inhalation</b>	Can irritate the nose and throat.
<b>Skin Contact</b>	May cause mild irritation.
<b>Eye Contact</b>	May cause mild irritation.
<b>Ingestion</b>	Can irritate the mouth, throat and stomach.
<b>Effects of Long-Term (Chronic) Exposure</b>	None known.
<b>Carcinogenicity</b>	No information was located.
<b>Teratogenicity / Embryotoxicity</b>	No information was located.
<b>Reproductive Toxicity</b>	No information was located.
<b>Mutagenicity</b>	No information was located.
<b>Medical Conditions Aggravated by Exposure</b>	None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
n-Butane	106-97-8	>10	
Propane	74-98-6	>10	
Fragrance	No CAS	<5	

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## 4. FIRST AID MEASURES

### First Aid Procedures

<b>Inhalation</b>	Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell.
<b>Skin Contact</b>	Immediately wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 15-20 minutes. Call a Poison Centre or doctor if the victim feels unwell.
<b>Eye Contact</b>	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If irritation or pain persists, see a doctor.
<b>Ingestion</b>	Have victim rinse mouth with water. Call a Poison Centre or doctor if the victim feels unwell.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties** FLAMMABLE AEROSOL.

**Suitable Extinguishing Media** Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

**Unsuitable Extinguishing Media** None known.

**Specific Hazards Arising from the Chemical** Closed containers may rupture violently when heated releasing contents. Very toxic carbon monoxide, carbon dioxide.

**Protective Equipment and Precautions for Firefighters** A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Do not touch damaged containers or spilled product unless wearing appropriate protective equipment.

**Environmental Precautions** Do not allow into any sewer, on the ground or into any waterway.

**Methods for Containment and Clean-up** Contain and soak up spill with absorbent that does not react with spilled product.

## 7. HANDLING AND STORAGE

**Handling** Only use where there is adequate ventilation. Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs.

**Storage** Store in an area that is: cool, ventilated, out of direct sunlight and away from heat and ignition sources.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
n-Butane	1000 ppm		800 ppm			
Propane	1000 ppm		1000 ppm			

**Engineering Controls** General ventilation is usually adequate.

### Personal Protective Equipment (PPE)

**Eye/Face Protection** Wear chemical safety goggles and face shield when contact is possible.

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**Skin Protection** Wear chemical protective clothing e.g. gloves, aprons, boots.

**Respiratory Protection** Not normally required if product is used as directed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Gas
<b>Appearance</b>	compressed gas.
<b>Odour</b>	Fragrant (Fragrance)
<b>Odour Threshold</b>	Not available
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable
<b>Boiling Point</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Relative Density (water = 1)</b>	Not available
<b>Solubility in Water</b>	Not available
<b>pH</b>	Not available
<b>Partition Coefficient, n-Octanol/Water</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	< 0 °F (-18 °C)
<b>Lower Flammable/Explosive Limit</b>	Not available
<b>Upper Flammable/Explosive Limit</b>	Not available
<b>Auto-ignition Temperature</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Normally stable.
<b>Conditions to Avoid</b>	Open flames, sparks, static discharge, heat and other ignition sources.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	None known.
<b>Possibility of Hazardous Reactions</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

### LC50/LD50 Values

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
n-Butane	658 mg/L (rat) (4-hour exposure)		

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Propane	658 mg/L (rat) (4-hour exposure)		
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LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

**Skin Irritation / Corrosion**

No information was located.

**Eye Irritation / Corrosion**

No information was located.

**Effects of Short-Term (Acute) Exposure**

**Inhalation**

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.

**Effects of Long-Term (Chronic) Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

Not specifically listed.

**Teratogenicity / Embryotoxicity**

No information was located.

**Reproductive Toxicity**

No information was located.

**Mutagenicity**

No information was located.

**Toxicologically Synergistic Materials**

No information was located.

**12. ECOLOGICAL INFORMATION**

**General Comments** Environmental information was not located.

**13. DISPOSAL CONSIDERATIONS**

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

**14. TRANSPORT INFORMATION**

**Shipping Information**

Regulation	UN No.	Shipping Name	Class	Packing Group
US DOT	1950	AEROSOLS	2.1	

**Other Transport Information**

**Special Shipping** Not applicable

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## 15. REGULATORY INFORMATION

### Canada

#### WHMIS Classification



Class B5



Class D2B

B5 - Flammable Aerosol; D2B - Toxic (Skin irritant; Eye irritant)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

### USA

#### US OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

## 16. OTHER INFORMATION

**MSDS Prepared By** Wayne Hegstrom  
**Phone No.** 405 682 2541  
**Date of Preparation** May 29, 2012

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