



Material Safety Data Sheet

Big D Gel D Viscid Aerosol Deodorant

1. PRODUCT AND COMPANY IDENTIFICATION

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

2. HAZARDS IDENTIFICATION

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

Potential Health Effects

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

Inhalation	Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell.
Skin Contact	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.
Eye Contact	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.
Ingestion	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

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

10. STABILITY AND REACTIVITY

Chemical Stability	Normally stable.
Conditions to Avoid	Open flames, sparks, static discharge, heat and other ignition sources.
Incompatible Materials	None known.
Hazardous Decomposition Products	None known.
Possibility of Hazardous Reactions	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
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Date of Preparation May 29, 2012