



Safety Data Sheet

Big D Gel D Viscid Aerosol Deodorant

SECTION 1. IDENTIFICATION

Product Identifier	Big D Gel D Viscid Aerosol Deodorant
Other Means of Identification	070
Other Identification	Viscid Aerosol Deodorant
Product Family	Aerosol Products
Recommended Use	Aerosol Deodorant.
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 Phone No.	Big D Industries, 800 535 5053, 24hr (Infotrac)
SDS No.	0286

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable aerosol - Category 1

GHS Label Elements



Signal Word:
Danger

H222 Extremely flammable aerosol.

Precautionary Statement(s):

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.

Response:

P264 Wash thoroughly after handling.

Storage:

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P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal:

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Other Hazards

Hazard Not Otherwise Classified (HNOC): Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Other components below reportable Levels	No CAS	80-90	
n-Butane	106-97-8	2.5-10	
Propane	74-98-6	2.5-10	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Call a Poison Centre or doctor if you feel unwell or are concerned.

Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Call a Poison Centre or doctor if you feel unwell or are concerned.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice/attention.

Ingestion

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled:

Can irritate the nose and throat.

If on skin:

May cause mild irritation.

If in eyes:

May cause mild irritation.

If swallowed:

Can irritate the mouth, throat and stomach.

Immediate Medical Attention and Special Treatment

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

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

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Flammable aerosol.
Closed containers may rupture violently when heated releasing contents.
Very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

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 and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe 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.

Conditions for Safe Storage

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

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			

Appropriate Engineering Controls

General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	compressed gas.
Odour	Not available
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	212 °F (100 °C) (estimated)
Flash Point	-156.0 °F (-104.4 °C)

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Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	9.5% (estimated) (upper); 1.9% (estimated) (lower)
Vapour Pressure	1443.30 mm Hg (192.44 kPa) at 68 °F
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Not available in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Gas
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Vapour Pressure at 50 deg C	Not available
Saturated Vapour Concentration	Not available
Other Physical Property 1	Specific Gravity 0.919 Estimated

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; eye contact; skin contact.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
n-Butane	1237 mg/L (mouse) (2-hour exposure)		
Propane	658 mg/L (rat) (4-hour exposure)		

LC50: No information was located.

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LD50 (oral): No information was located.

LD50 (dermal): No information was located.

Skin Corrosion/Irritation

There is limited evidence of very mild irritation.

Serious Eye Damage/Irritation

There is limited evidence of very mild irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

None known.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Not specifically listed.

No information was located.

Reproductive Toxicity

Development of Offspring

No information was located.

No information was located.

Sexual Function and Fertility

No information was located.

No information was located.

Germ Cell Mutagenicity

No information was located.

No information was located.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

Studies are not available.

Other Adverse Effects

There is no information available.

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	1950	AEROSOLS	2.1	

Special Precautions for User Please note: Read Safety instructions, SDS and emergency procedures before handling. US DOT Exceptions: LTD QTY (See CFR)(Ground)

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

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 SDS contains all of the information required by the Controlled Products Regulations.

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Not listed on the DSL or NDSL.

USA

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.

Additional USA Regulatory Lists

California Proposition 65: Diethanolamine CAS 111-42-2 0.1 - 1.0% by wt.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130). (n-Butane). (Propane)

Massachusetts Right To Know. (n-Butane). (Propane)

New Jersey Right To Know. (n-Butane). (Propane)

Pennsylvania Right To Know. (n-Butane). (Propane)

Rhode Island Right To Know. (n-Butane). (Propane).

SECTION 16. OTHER INFORMATION

SDS Prepared By Wayne Hegstrom

Phone No. 405 682 2541

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