



## Safety Data Sheet

# Big D Gel D Viscid Aerosol Deodorant

### SECTION 1. IDENTIFICATION

|                                      |                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Product Identifier</b>            | Big D Gel D Viscid Aerosol Deodorant                                                         |
| <b>Other Means of Identification</b> | 070                                                                                          |
| <b>Other Identification</b>          | Viscid Aerosol Deodorant                                                                     |
| <b>Product Family</b>                | Aerosol Products                                                                             |
| <b>Recommended Use</b>               | Aerosol Deodorant.                                                                           |
| <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 Phone No.</b>           | Big D Industries, 800 535 5053, 24hr (Infotrac)                                              |
| <b>SDS No.</b>                       | 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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Product Identifier:                      Big D Gel D Viscid Aerosol Deodorant  
SDS No.:                                      0286  
Date of Preparation:                      February 12, 2015

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

Product Identifier: Big D Gel D Viscid Aerosol Deodorant

SDS No.: 0286

Page 02 of 06

Date of Preparation: February 12, 2015

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)                             |

Product Identifier: Big D Gel D Viscid Aerosol Deodorant  
SDS No.: 0286  
Date of Preparation: February 12, 2015

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

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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Product Identifier: Big D Gel D Viscid Aerosol Deodorant

SDS No.: 0286

Date of Preparation: February 12, 2015

Page 05 of 06

## 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, Flammable, (each not exceeding 1 L Capacity) | 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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Product Identifier: Big D Gel D Viscid Aerosol Deodorant

SDS No.: 0286

Date of Preparation: February 12, 2015

Page 06 of 06