



# Material Safety Data Sheet

## Big D Granular Deodorant

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Big D Granular Deodorant  
 Product Identifier: 147, 150, & 151  
 MSDS No.: 0119  
 Other Means of Identification: Granular Deodorant  
 Product Family: Dry Deodorants  
 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: Dry Deodorants

### 2. HAZARDS IDENTIFICATION

#### Potential Health Effects

Route of Exposure: Inhalation; skin contact; eye contact; ingestion.  
 Inhalation: Can cause severe irritation of the nose and throat.  
 Skin Contact: SKIN IRRITANT.  
 Eye Contact: May cause mild irritation.  
 Ingestion: If large amounts are ingested: symptoms may include nausea, vomiting, stomach cramps and diarrhea.  
 Effects of Long-Term (Chronic) Exposure: Can cause permanent damage to the respiratory system.  
 Carcinogenicity: CARCINOGEN. (Silica, cristobalite). (Silica, quartz)  
 Teratogenicity / Embryotoxicity: No information was located.  
 Reproductive Toxicity: No information was located.  
 Mutagenicity: No information was located.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name  | CAS Registry No. | Concentration % | Other Identifiers |
|--|------------------|-----------------|-------------------|
| Silica, quartz   | 14808-60-7       | 1-10            |                   |
| Montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O), calcined | 70892-59-0       | 50-90           |                   |
| Silica, cristobalite   | 14464-46-1       | 1-10            |                   |
| Fragrance  | No CAS           | 1.00-5.00       | Citronella        |

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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: Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 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 5 minutes, while holding the eyelid(s) open.  
 Ingestion: NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING. Immediately call a Poison Centre or doctor.

### 5. FIRE FIGHTING MEASURES

Flammable Properties: Does not burn.  
 Suitable Extinguishing Media: Not combustible. Use extinguishing agent suitable for surrounding fire.  
 Unsuitable Extinguishing Media: None known.  
 Specific Hazards Arising from the Chemical: This product presents no unusual hazards in a fire situation. Not known to generate any hazardous decomposition products in a fire.  
 Protective Equipment and Precautions for Firefighters: No special precautions are necessary.

### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: No special precautions are necessary.  
 Environmental Precautions: Do not allow into any sewer, on the ground or into any waterway.  
 Methods for Containment and Clean-up: Avoid generating dust.

### 7. HANDLING AND STORAGE

Handling: No special handling precautions are necessary.  
 Storage: Separate from incompatible materials (see Section 10: Stability and Reactivity).

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

| Chemical Name  | ACGIH TLV® |      | OSHA PEL |         | AIHA WEEL |     |
|--|------------|------|----------|---------|-----------|-----|
|  | TWA        | STEL | TWA      | Ceiling | 8-hr TWA  | TWA |
| Montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O), calcined | 0.05 mg/m3 |      | 5 mg/m3  |         |           |     |
| Silica, cristobalite   | 0.05 mg/m3 |      | 5 mg/m3  |         |           |     |
| Silica, quartz   | 0.05 mg/m3 |      | 5 mg/m3  |         |           |     |

Engineering Controls: Use a local exhaust ventilation and enclosure, if necessary, to control amount in the air.  
 Personal Protective Equipment (PPE):

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**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**

| Chemical Name  | IARC | ACGIH® | NTP              | OSHA |
|--|------|--------|------------------|------|
| Montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O), calcined |      |        | Known carcinogen |      |
| Silica, cristobalite   |      |        | Known carcinogen |      |
| Silica, quartz   |      |        | Known carcinogen |      |

**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**

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Other Transport Information****Special Shipping Information** Not applicable**15. REGULATORY INFORMATION****Canada****WHMIS Classification**

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Class D2A

D2A - Very Toxic

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.

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

All ingredients are listed on the DSL/NDSL.

**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 listed on the TSCA Inventory.

**Additional USA Regulatory Lists**

California Proposition 65. (Silica, cristobalite). (Silica, quartz) SARA Title III - Section 311/312. (Silica, cristobalite). (Silica, quartz)

**16. OTHER INFORMATION**

|                             |   |                         |                        |
|-----------------------------|---|-------------------------|------------------------|
| <b>NFPA Rating</b>          | <b>Health - 1</b>   | <b>Flammability - 0</b> | <b>Instability - 0</b> |
| <b>MSDS Prepared By</b>     | Wayne Hegstrom  |                         |                        |
| <b>Phone No.</b>            | 405 682 2541  |                         |                        |
| <b>Date of Preparation</b>  | August 30, 2012   |                         |                        |
| <b>Revision Indicators</b>  | The following MSDS content was changed on August 30, 2012:<br>Ingredient Information.   |                         |                        |
| <b>Key to Abbreviations</b> | ACGIH® = American Conference of Governmental Industrial Hygienists<br>NFPA = National Fire Prevention Association<br>NTP = National Toxicology Program<br>OSHA = US Occupational Safety and Health Administration |                         |                        |

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