



## Safety Data Sheet

# Big D Granular Deodorant

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Big D Granular Deodorant
<b>Other Means of Identification</b>	147, 150, & 151
<b>Other Identification</b>	Granular Deodorant
<b>Product Family</b>	Dry Deodorants
<b>Recommended Use</b>	Dry Deodorants.
<b>Restrictions on Use</b>	None known.
<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>	0288

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Carcinogenicity - Category 1

#### GHS Label Elements



Signal Word:  
Danger

May cause cancer if inhaled.

#### Prevention:

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.

#### Response:

IF exposed or concerned: Get medical advice/attention.

#### Storage:

Store locked up.

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Disposal:  
Dispose of contents/container to  
An appropriate waste container to minimize dust.  
Dispose of contents/container in accordance with local, regional, national and international regulations.

**Other Hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	%	Other Identifiers
Silica, quartz	14808-60-7	6	
Montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O), calcined	70892-59-0	75	
Silica, cristobalite	14464-46-1	2.4	
Other components below reportable Levels	No CAS	17.47	
Fragrance	No CAS	0.04	

**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**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Call a Poison Centre or doctor if you feel unwell or are concerned.

**Eye Contact**

Rinse 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.

**Most Important Symptoms and Effects, Acute and Delayed**

If inhaled:

Can cause severe irritation of the nose and throat.

If in eyes:

May cause mild irritation.

If swallowed:

Large amounts symptoms may include nausea, vomiting, stomach cramps and diarrhea.

**Immediate Medical Attention and Special Treatment**

**Special Instructions**

Not applicable.

**Medical Conditions Aggravated by Exposure**

None known.

**SECTION 5. FIRE-FIGHTING MEASURES**

**Extinguishing Media**

**Suitable Extinguishing Media**

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Not combustible. Use extinguishing agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

None known.

#### Specific Hazards Arising from the Chemical

Does not burn.

This product presents no unusual hazards in a fire situation.

Not known to generate any hazardous decomposition products in a fire.

#### Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

#### Environmental Precautions

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

#### Methods and Materials for Containment and Cleaning Up

Avoid generating dust.

## SECTION 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

Do not breathe in this product. Only use where there is adequate ventilation.

#### Conditions for Safe Storage

Separate from incompatible materials (see Section 10: Stability and Reactivity).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Montmorillonite ((Al <sub>1.33</sub> -1.67Mg <sub>0.33</sub> -0.67)(Ca <sub>0</sub> -1Na <sub>0</sub> -1)O <sub>33</sub> Si <sub>4</sub> (OH)2O <sub>10</sub> .xH <sub>2</sub> O), calcined	0.05 mg/m <sup>3</sup>		5 mg/m <sup>3</sup>			
Silica, cristobalite	0.05 mg/m <sup>3</sup>		5 mg/m <sup>3</sup>			
Silica, quartz	0.05 mg/m <sup>3</sup>		5 mg/m <sup>3</sup>			

#### Appropriate Engineering Controls

Use a local exhaust ventilation and enclosure, if necessary, to control amount in the air.

#### Individual Protection Measures

##### Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

##### Skin Protection

Not required, if used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Basic Physical and Chemical Properties

**Appearance** Dark pellets.

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<b>Odour</b>	Fragrant (Fragrance)
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not applicable
<b>Melting Point/Freezing Point</b>	Not applicable (freezing)
<b>Initial Boiling Point/Range</b>	Not applicable
<b>Flash Point</b>	> 200 °F (estimated) (Montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O), calcined)
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	Not applicable
<b>Solubility</b>	Insoluble (less than 1 mg/L) in water
<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 applicable (kinematic); Not applicable (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Solid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Incompatible materials.

### Incompatible Materials

Unsaturated hydrocarbons (e.g. turpentine), strong acids (e.g. hydrochloric acid).

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Acute Toxicity

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

### Skin Corrosion/Irritation

No information was located.

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**Serious Eye Damage/Irritation**

No information was located.

**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**

Not known to be an aspiration hazard.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

No information was located.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
Montmorillonite ((Al <sub>1-3</sub> Si <sub>3-4</sub> (OH) <sub>2</sub> O <sub>10</sub> .xH <sub>2</sub> O), calcined			Known carcinogen	
Silica, cristobalite			Known carcinogen	
Silica, quartz			Known carcinogen	

**Reproductive Toxicity****Development of Offspring**

No information was located.

**Sexual Function and Fertility**

No information was located.

**Effects on or via Lactation**

No information was located.

**Germ Cell Mutagenicity**

No information was located.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

Environmental information was not located.

**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**

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

**Special Precautions for User** Not applicable

**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 D2A

D2A - Very Toxic

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)

All ingredients are listed on the DSL/NDSL.

#### USA

##### US OSHA HazCom 1994 Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200 (1994)).

##### 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)

## SECTION 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 0</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Wayne Hegstrom		
<b>Phone No.</b>	405 682 2541		
<b>Date of Preparation</b>	February 19, 2015		
<b>Revision Indicators</b>	The following SDS content was changed on February 17, 2015: (English SDS).		
<b>Key to Abbreviations</b>	ACGIH® = American Conference of Governmental Industrial Hygienists NFPA = National Fire Prevention Association NTP = National Toxicology Program OSHA = US Occupational Safety and Health Administration NTP = National Toxicology Program		

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