

Material Safety Data Sheet

Big D Deodorant Powder

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Big D Deodorant Powder Product Identifier Product 152, 153, 154, & 176

MSDS No. 0003

Product Family Dry Deodorants

Manufacturer 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 Eye contact; skin contact.

Skin Contact Not irritating.

Eye Contact Causes mild irritation.

Effects of Long-Term Not harmful.

(Chronic) Exposure

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS Registry No. | Concentration % | Other Identifiers |
|---------------------|------------------|-----------------|-------------------|
| Sodium sulfate | 7757-82-6 | >90 | |
| Precipitated silica | 112926-00-8 | <1.00 | |
| Fragrance | No CAS | <1.00 | |

4. FIRST AID MEASURES

First Aid Procedures

Inhalation Move victim to fresh air.

Skin Contact Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5

minutes.

Eye Contact Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes,

while holding the eyelid(s) open.

Ingestion Have victim rinse mouth with water. Call a Poison Centre or doctor if the victim feels unwell.

5. FIRE FIGHTING MEASURES

Flammable Properties Does not burn.

Suitable Extinguishing Not combustible. Use extinguishing agent suitable for surrounding fire.

Media

Unsuitable None known.

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Extinguishing Media

Specific Hazards Arising from the

Chemical

Corrosive sulfur oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use the Personal Protective Equipment recommended in Section 8 of this MSDS.

Environmental It is good practice to prevent releases into the environment.

Precautions

Clean-up

Methods for

Containment and

No special clean-up methods are necessary.

7. HANDLING AND STORAGE

Handling Only use where there is adequate ventilation.

Store in an area that is: dry, separate from incompatible materials (see Section 10: Stability Storage

and Reactivity).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| | ACGIH TLV® | | OSHA PEL | | AIHA WEEL | |
|---------------------|------------|------|----------|---------|-----------|-----|
| Chemical Name | TWA | STEL | TWA | Ceiling | 8-hr TWA | TWA |
| Precipitated silica | 3 mg/m3 | | 5 mg/m3 | | | |

Engineering Controls The hazard potential of this product is relatively low. General ventilation is usually adequate.

Personal Protective Equipment (PPE)

Eye/Face Protection Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection Not required.

Respiratory Protection Not usually required when working with small quantities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Solid

Appearance White crystalline powder.

Flash Point > 140 °F

10. STABILITY AND REACTIVITY

Chemical Stability Normally stable.

Conditions to Avoid Water, moisture or humidity.

Incompatible

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

Materials

Hazardous Corrosive sulfur oxides.

Decomposition

Products

11. TOXICOLOGICAL INFORMATION

LC50/LD50 Values

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| Chemical Name | LC50 | LD50 (oral) | LD50 (dermal) |
|---------------------|------|---------------------|-----------------------|
| Precipitated silica | | > 10000 mg/kg (rat) | > 5000 mg/kg (rabbit) |
| Sodium sulfate | | 5989 mg/kg (mouse) | |

12. ECOLOGICAL INFORMATION

Ecotoxicity Not harmful to aquatic life.

Persistence and Degradability No information was located.

Bioaccumulation /

This product and its byproducts are not expected to bioaccumulate.

Accumulation Mobility

When released into soil, this product moves into groundwater.

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

Not a WHMIS controlled product.

USA

US OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

16. OTHER INFORMATION

NFPA Rating Health - 1 Flammability - 0 Instability - 0

Based on Precipitated silica

MSDS Prepared By Wayne Hegstrom 405 682 2541

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Key to Abbreviations ACGIH® = American Conference of Governmental Industrial Hygienists

OSHA = US Occupational Safety and Health Administration

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