



## Safety Data Sheet

# Big D Aerosol Room Deodorant

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Big D Aerosol Room Deodorant
<b>Other Means of Identification</b>	351, 425, 426, 429, 430, 431, 433, & 434
<b>Other Identification</b>	Aerosol Room Deodorant
<b>Product Family</b>	Aerosol Products
<b>Recommended Use</b>	Air Freshener.
<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>	0245

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable aerosol - Category 1; Aquatic hazard (Acute) - Category 3; Aquatic hazard (Chronic) - Category 3

#### GHS Label Elements



Signal Word:  
Danger

Extremely flammable aerosol.  
Harmful to aquatic life.  
Harmful to aquatic life with long lasting effects.

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

#### Note:

17.52% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment.  
17.52% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

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## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Other components below reportable Levels	No CAS	80-90	
Ethanol	64-17-5	2.5-10	
n-Butane	106-97-8	2.5-10	
Propane	74-98-6	2.5-10	
Sodium nitrite	7632-00-0	0.1-1.0	

## 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 rinse with lukewarm, gently flowing water 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

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. A severe exposure can cause unconsciousness.

If on skin:

Causes mild irritation.

If swallowed:

Can irritate the mouth, throat and stomach.

### Immediate Medical Attention and Special Treatment

#### Target Organs

Nervous system, lungs.

## 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

Flammable aerosol.

Closed containers may rupture violently when heated releasing contents.

Irritating chemicals; toxic chemicals.

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

Toxic gases or vapours.

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. May accumulate in hazardous amounts in low-lying areas especially inside confined spaces, if ventilation is not sufficient. Evacuate downwind locations. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Small spills or leaks: 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.

### 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
Ethanol		1000 ppm	1000 ppm			
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

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

#### Skin Protection

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

#### Respiratory Protection

Concentrated product: wear a NIOSH approved air-purifying respirator with an organic vapour cartridge. Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	compressed gas.
Odour	Floral
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	-87.51 °F (-66.39 °C) (estimated)
Evaporation Rate	Not available

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<b>Flammability (solid, gas)</b>	Extremely flammable gas.
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	~ 0.9451 at 20 °C
<b>Solubility</b>	Slightly soluble 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 available (kinematic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

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

### Incompatible Materials

None known.

### Hazardous Decomposition Products

Irritating chemicals; toxic chemicals.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ethanol	20000 ppm (rat)	7060 mg/kg (rat)	
n-Butane	680 mg/L (mouse) (2-hour exposure)		
Propane	658 mg/L (rat) (4-hour exposure)		
Sodium nitrite	85 mg/kg (rat)	186 mg/kg (rabbit)	

### Aspiration Hazard

Not known to be an aspiration hazard.

### Carcinogenicity

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Chemical Name	IARC	ACGIH®	NTP	OSHA
Ethanol	Group 1	A3		

### Reproductive Toxicity

#### Effects on or via Lactation

No information was located.

No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

## SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

### Toxicity

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Sodium nitrite	0.15-0.25 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)	16.14-26.61 mg/L (48-hour)		

## 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	
Canadian TDG	1950	AEROSOLS	2.1	

**Special Precautions for User** Please note: 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

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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 or are not required to be listed.

**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 on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

**Additional USA Regulatory Lists**

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

**SECTION 16. OTHER INFORMATION**

<b>NFPA Rating</b>	<b>Health - 1</b>	<b>Flammability - 2</b>
<b>SDS Prepared By</b>	Wayne Hegstrom	
<b>Phone No.</b>	405 682 2541	
<b>Date of Preparation</b>	July 12, 2014	