



## 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	> 115.9 ppm (rat) (4-hour exposure)	7800 mg/kg (rat)	
n-Butane	1237 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.

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## Carcinogenicity

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
Ethanol	> 100.1 mg/L (Pimephales promelas (fathead minnow); 96-hour)	7700-11200 mg/L (Daphnia magna (water flea); 48-hour)		
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

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Class B5



Class D2B

B5 - Flammable Aerosol; D2B - 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 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	
<b>Revision Indicators</b>	The following MSDS content was changed on January 08, 2015: Section 11 - Toxicological Information; LC50/LD50 values. The following MSDS content was changed on January 08, 2015: Section 11 - Toxicological Information; LC50/LD50 values. The following SDS content was changed on January 08, 2015: SECTION 12. ECOLOGICAL INFORMATION; Acute Aquatic Toxicity.	