



# Material Safety Data Sheet

## Big D Fire D One Shot Fogger

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	Big D Fire D One Shot Fogger
<b>Product Identifier</b>	202
<b>MSDS No.</b>	0091
<b>Other Means of Identification</b>	Fire D One Shot Fogger
<b>Product Family</b>	Aerosol Products
<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 Contact Information</b>	Big D Industries, 800 535 5053, 24hr (Infotrac)
<b>Use</b>	Air Freshener

### 2. HAZARDS IDENTIFICATION

#### Potential Health Effects

<b>Route of Exposure</b>	Inhalation; skin contact; skin absorption; eye contact; ingestion.
<b>Inhalation</b>	Can cause severe irritation of the nose and throat. TOXIC, can cause death. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.
<b>Skin Contact</b>	May cause mild irritation. Can be absorbed through the skin, but harmful effects are not expected.
<b>Eye Contact</b>	EYE IRRITANT. Contact causes severe burns with redness, swelling, pain and blurred vision. Permanent damage including blindness can result.
<b>Ingestion</b>	TOXIC. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Acetone	67-64-1	70-80	
Propane	74-98-6	10-20	
n-Butane	106-97-8	10-20	
Fragrance	No CAS	<5.00	

### 4. FIRST AID MEASURES

#### First Aid Procedures

<b>Inhalation</b>	Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell.
<b>Skin Contact</b>	Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 minutes.
<b>Eye Contact</b>	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

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

## 5. FIRE FIGHTING MEASURES

**Flammable Properties** FLAMMABLE AEROSOL.

**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** Closed containers may rupture violently when heated releasing contents.  
Very toxic carbon monoxide, carbon dioxide.

**Protective Equipment and Precautions for Firefighters** Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

## 6. ACCIDENTAL RELEASE MEASURES

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

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

**Methods for Containment and Clean-up** Small spills or leaks: contain and soak up spill with absorbent that does not react with spilled product.  
Large spills or leaks: dike spilled product to prevent runoff. Contain and soak up spill with absorbent that does not react with spilled product.

**Other Information** Report spills to local health, safety and environmental authorities, as required.

## 7. HANDLING AND STORAGE

**Handling** Prevent accidental contact with incompatible chemicals.

**Storage** Out of direct sunlight and away from heat and ignition sources.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Propane	1000 ppm		1000 ppm			
Acetone		750 ppm	500			
n-Butane	1000 ppm		800 ppm			

**Engineering Controls** General ventilation is usually adequate.

### Personal Protective Equipment (PPE)

**Eye/Face Protection** Not required if product is used as directed.

**Skin Protection** Not required, if used as directed.

**Respiratory Protection** Not normally required if product is used as directed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Gas

**Appearance** compressed gas.

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<b>Odour</b>	Fragrant (Fragrance)
<b>Odour Threshold</b>	Not available
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable
<b>Boiling Point</b>	Not available
<b>Decomposition Temperature</b>	Not applicable
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Relative Density (water = 1)</b>	Not applicable
<b>Solubility in Water</b>	Insoluble.
<b>pH</b>	Not applicable
<b>Partition Coefficient, n-Octanol/Water</b>	Not available
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Evaporation Rate</b>	< 1.00 (diethyl ether = 1)
<b>Flash Point</b>	Not available
<b>Lower Flammable/Explosive Limit</b>	1.8%
<b>Upper Flammable/Explosive Limit</b>	12.8%
<b>Auto-ignition Temperature</b>	Not available
<b>Other Physical Property 1</b>	<30% VOC

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Unstable under certain conditions - see Conditions to Avoid.
<b>Conditions to Avoid</b>	Open flames, sparks, static discharge, heat and other ignition sources.
<b>Incompatible Materials</b>	Inorganic acids (e.g. hydrofluoric acid), strong bases (e.g. sodium hydroxide), strong oxidizing agents (e.g. perchloric acid).
<b>Hazardous Decomposition Products</b>	Very toxic carbon monoxide, carbon dioxide.
<b>Possibility of Hazardous Reactions</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

### LC50/LD50 Values

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Propane	658 mg/L (rat) (4-hour exposure)		
Acetone	44000 mg/m <sup>3</sup> (mouse) (4-hour exposure) (vapour)	3000 mg/kg (mouse) (4-hour exposure)	
n-Butane	658 mg/L (rat) (4-hour exposure)		

LC50: No information was located.

LD50 (oral): No information was located.

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LD50 (dermal): No information was located.

**Skin Irritation / Corrosion**

No information was located.

**Eye Irritation / Corrosion**

No information was located.

**Effects of Short-Term (Acute) Exposure**

**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
Acetone		A4		

**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

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## 14. TRANSPORT INFORMATION

**Shipping Information**

Regulation	UN No.	Shipping Name	Class	Packing Group
US DOT		Consumer Commodity	ORM-D	
IATA (Air)	1950	Aerosols, flammable	2.1	
IMO (Marine)	1950	AEROSOLS	2.1	

**Other Transport Information**

**Special Shipping Information** Not applicable

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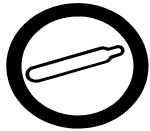
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## 15. REGULATORY INFORMATION

### Canada

#### WHMIS Classification



Class A



Class B5



Class D2B

A - Compressed Gas; B5 - Flammable Aerosol; D2B - 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 or are not required to be listed.

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

#### Additional USA Regulatory Lists

California Proposition 65.

Massachusetts Right To Know. New Jersey Right To Know. Pennsylvania Right To Know. CERCLA. 5000 SARA Title III - Section 311/312.

## 16. OTHER INFORMATION

<b>NFPA Rating</b>	<b>Health - 2</b>	<b>Flammability - 4</b>	<b>Instability - 0</b>
<b>MSDS Prepared By</b>	Wayne Hegstrom		
<b>Phone No.</b>	405 682 2541		
<b>Date of Preparation</b>	June 12, 2012		

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