



Safety Data Sheet

Big D Fire D One Shot Fogger

SECTION 1. IDENTIFICATION

Product Identifier	Big D Fire D One Shot Fogger
Other Means of Identification	202
Other Identification	Fire D One Shot Fogger
Product Family	Aerosol Products
Recommended Use	Air Freshener.
Manufacturer	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
Supplier	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
Emergency Phone No.	Big D Industries, 800 535 5053, 24hr (Infotrac)
SDS No.	0638

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable aerosol - Category 1; Serious eye damage/eye irritation - Category 2A; Specific target organ toxicity (single exposure) - Category 3

GHS Label Elements



Extremely flammable aerosol.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Keep away from sparks and open flames.

Do not spray on an open flame or other ignition source.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local, regional, national and international regulations.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

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Fragrance	No CAS	<5.00	
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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.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

Ingestion

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled:

Can cause severe irritation of the nose and throat. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

If on skin:

May cause mild irritation.

If in eyes:

Contact causes severe burns with redness, swelling, pain and blurred vision. Permanent damage including blindness can result.

If swallowed:

Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

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.

Very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

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

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.

Large spills or leaks: dike spilled product to prevent runoff. Contain and soak up spill with absorbent that does not react with spilled product.

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

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Prevent accidental contact with incompatible chemicals.

Conditions for Safe Storage

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
Propane	1000 ppm		1000 ppm			
Acetone	500 ppm	750 ppm	1000			
n-Butane	1000 ppm		800 ppm			

Appropriate Engineering Controls

General ventilation is usually adequate.

Individual Protection Measures

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Odour	Fragrant (Fragrance)
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not applicable (melting); Not applicable (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate	< 1.00 (diethyl ether = 1)
Upper/Lower Flammability or Explosive Limit	12.8% (upper); 1.8% (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not applicable
Solubility	Insoluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not applicable

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Physical State	Gas
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Vapour Pressure at 50 deg C	Not available
Other Physical Property 1	<30% VOC

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability

Unstable under certain conditions - see Conditions to Avoid.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

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

Incompatible Materials

Inorganic acids (e.g. hydrofluoric acid), strong bases (e.g. sodium hydroxide), strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; skin absorption; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Propane	658 mg/L (rat) (4-hour exposure)		
Acetone	76 mg/kg (mouse) (4-hour exposure) (gas)	5800 mg/kg (rat)	20000 mg/kg (rabbit)
n-Butane	1237 mg/L (mouse) (2-hour exposure)		

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

Skin Corrosion/Irritation

No information was located.

May cause mild irritation.

Serious Eye Damage/Irritation

No information was located.

EYE IRRITANT. Contact causes severe burns with redness, swelling, pain and blurred vision. Permanent damage including blindness can result.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Can cause severe irritation of the nose and throat. TOXIC, can cause death. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

Skin Absorption

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No information was located.

Can be absorbed through the skin, but harmful effects are not expected.

Ingestion

No information was located.

TOXIC. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Acetone		A4		

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

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.

Toxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Acetone	4740-6330 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour; fresh water)	21.6-23.9 mg/L (Daphnia magna (water flea); 48-hour; fresh water)		

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

SECTION 14. TRANSPORT INFORMATION

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

Special Precautions for User Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

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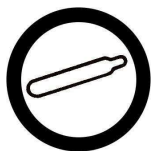
Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

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 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

California Proposition 65.

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

SECTION 16. OTHER INFORMATION

NFPA Rating	Health - 3	Flammability - 4	Instability - 0
SDS Prepared By	Mitch Anderson		
Phone No.	405 682 2541		
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