

Material Safety Data Sheet

(MSDS)

Product Number: # 202 Product Name: Big D Fire D One Shot Fogger		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
Section I – Product and Company Information			
Manufacturer Name: Big D Industries, Inc.		Emergency Telephone Number (800) 535-5053 (800) 654-4752	
Address: 5620 S. W. 29th Street, Oklahoma City, OK 73179		Telephone Number for Information: (800) 654-4752 (405) 682-2541	
P. O. Box 82219		Date Prepared: 01/01/2010	
Oklahoma City, OK 73148		Signature of Preparer (optional)	
HMIS Ratings Health: 2 Flammability: 4 Reactivity: 1 Personal Protection: A			
Section II - Hazardous Ingredients/Identity Information			
Hazardous Components	CAS #	OSHA PEL	ACGIH TLV Other Limits % (optional)
Acetone	CAS #67-64-1	500 ppm	500 ppm N/A
Hydrocarbon Propellant Propane	CAS # 74-98-6	1000 ppm	1000 ppm N/A
Isobutane	CAS # 75-28-5	800 ppm	800 ppm N/A
N-Butane	CAS # 106-97-8	800 ppm	800 ppm N/A
Fragrance	No CAS #	N/A	N/A N/A
Section III - Physical/Chemical Characteristics			
Boiling Point	135 F	Specific Gravity (H ₂ O = 1)	0.55 – 0.60
Vapor Pressure (mm Hg.) PSIG 68°F	60	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate	<1
Solubility in Water: N/E			
Appearance and Odor: Fine aerosol fog with various scents			
Section IV - Fire and Explosion Hazard Data			
Flash Point: Below 20°F TOC	Flammable Limits	LEL N/D	UEL N/D
Extinguishing Media: Foam, dry chemical, water, or carbon dioxide (CO ₂)			
Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat. Wear a full face positive pressure self contained breathing apparatus when fighting fires			
Unusual Fire and Explosion Hazards: CAUTION: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.			

N/A = Not Applicable

N/D = Not Determined

Page 1 of 2

N/E = Not Established

OSHA 174, Sept. 1985

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: Avoid open flames and temperatures > 120F
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents and strong acids.			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	May Occur		Conditions to Avoid: N/A
	Will Not Occur	X	
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes			
Health Hazards (Acute and Chronic): Acute -- High vapor concentrations can cause irritation of the eyes and respiratory system. Chronic -- Skin irritation can occur among sensitive individuals following repeated contact.			
Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No			
Signs and Symptoms of Exposure: INHALATION - Shortness of breath, dizziness and light headedness. EYES -- Irritation and redness. SKIN -- Irritation. INGESTION - May cause chemical pneumonia if aspired into lungs.			
Medical Conditions Generally Aggravated by Exposure: Emphysema			
Emergency and First Aid Procedures: INHALATION: Move to fresh air. SKIN: Wash with plenty of soap and water and seek medical attention if irritation persists. INGESTION: Seek medical attention or call your nearest poison control center.			
Section VII - Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate all ignition sources. Wash spills with soap and water. For large spills soak up with inert absorbent material such as sand.			
Waste Disposal Method: Landfill for absorbent material. Do not incinerate. Dispose of in accordance with local, state and federal regulations.			
Precautions to be Taken in Handling and Storing: Do not store near heat or open flame or temperatures exceeding 120°F.			
Other precautions: Handle as a flammable liquid			
Section VIII - Control Measures			
Respiratory Protection: None required			
Ventilation	Local Exhaust:	Adequate	Special N/A
	Mechanical (General):	Adequate	Other N/A
Protective Gloves: Rubber or plastic for prolonged contact		Eye Protection: Safety goggles for splash protection	
Other Protective Clothing or Equipment: Eye wash/shower facility nearby			
Work/Hygienic Practices: Good housekeeping practices. Avoid skin/eye contact.			

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Page 2 of 2

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OSHA 174, Sept. 1985