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 – Produ	ct and Compa	any In	formation							
Manufacturer Name: Big D Industries, Inc.				I	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)				582-2541	
P. O. Box 82219					Date Prepared: 01/01/2010					
Oklahoma City, OK 73148					Signature of Preparer (optional)					
HMIS Ratings	Health: 2		Flammability:	4	Reacti	ivity: 1	Personal Protection:	А		
Section II - Hazar	rdous Ingredi	ents/I	dentity Info	ormati	ion					
Hazardous Components		CA	S #	OSH	HA PEL	ACGIH TLV	Other Limits	% (optio	onal)	
Acetone		CAS	#67-64-1	500) ppm	500 ppm	N/A			
Isobutane CAS		# 74-98-6 # 75-28-5 # 106-97-8	800)0 ppm) ppm) ppm	1000 ppm 800 ppm 800 ppm	N/A N/A N/A				
Fragrance		No C.		N/A		N/A	N/A			
Section III - Phys	sical/Chemical	l Char	acteristics							
Boiling Point			135 F	S	Specific Gravity ($H_2O = 1$)				0.55 - 0.60	
Vapor Pressure (mm Hg.) PSIG 68 ⁰ F			60	1	Melting Point			N/A		
Vapor Density (AIR = 1)			>1	I	Evaporation Rate			<1		
Solubility in Water: N/E				•						
Appearance and Odor: I	Fine aerosol fog wi	th variou	is scents							
Section IV - Fire	and Explosio	n Haza	ard Data							
Flash Point: Below 20 ⁰ F TOC				Flammable Limits			LEL N/D	UEL N/D		
Extinguishing Media: F	oam, dry chemical,	water, o	or carbon dioxide	e (CO2))					
Special Fire Fighting Pro explosion when exposed										
Unusual Fire and Explos				-	e. Exposure	-		-		
N/A = Not Applicable	N/D = Not Determined	ned	Page	1 of 2		N/E = Not Establish	ed O	SHA 174,	Sept. 198	

	Reactivity Data		
Stability	Unstable		Conditions to Avoid: Avoid open flames and temperatures > 120F
	Stable	х	
Incompatibility (Materials to Avoid): Av	oid contac	ct with strong oxidizing agents and strong acids.
Hazardous Deco	mposition or Byproducts:	None	
Hazardous	May Occur		Conditions to Avoid: N/A
Polymerization	Will Not Occur	Х	
Section VI -	Health Hazard Da	ata	
Route(s) of Entry:	Inhalation: Ye	es	Skin: Yes Ingestion: Yes
Health Hazards (Ad			por concentrations can cause irritation of the eyes and respiratory system. ritation can occur among sensitive individuals following repeated contact.
Carcinogenicity:	NTP: No	IAR	C Monographs: No OSHA Regulated: No
	-		ortness of breath, dizziness and light headedness. EYES – Irritation and redness. cal pneumonia if aspired into lungs.
Medical Condition	s Generally Aggravated by E	xposure: H	Emphysema
			Move to fresh air. SKIN: Wash with plenty of soap and water and seek medical attention if ention or call your nearest poison control center.
Section VII	- Precautions for S	Safe Ha	indling and Use
Steps to be Take	n in Case Material is Rele	ased or Sp	ondling and Use billed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate r. For large spills soak up with inert absorbent material such as sand.
Steps to be Taker all ignition sourc	n in Case Material is Rele es. Wash spills with soap	ased or Sp and water	willed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate
Steps to be Taker all ignition sourc Waste Disposal M	n in Case Material is Rele es. Wash spills with soap Method: Landfill for abso	ased or Sp and water orbent mat	billed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate r. For large spills soak up with inert absorbent material such as sand.
Steps to be Taken all ignition sourc Waste Disposal M Precautions to be	n in Case Material is Rele es. Wash spills with soap Method: Landfill for abso	ased or Sp and water orbent mat toring: D	billed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate r. For large spills soak up with inert absorbent material such as sand. terial. Do not incinerate. Dispose of in accordance with local, state and federal regulations.
Steps to be Taker all ignition sourc Waste Disposal M Precautions to be Other precaution	n in Case Material is Rele es. Wash spills with soap Method: Landfill for abso Taken in Handling and S	ased or Sp and water orbent mat toring: D liquid	billed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate r. For large spills soak up with inert absorbent material such as sand. terial. Do not incinerate. Dispose of in accordance with local, state and federal regulations.
Steps to be Taken all ignition source Waste Disposal M Precautions to be Other precaution Section VIII	n in Case Material is Relea es. Wash spills with soap Method: Landfill for abso Taken in Handling and S s: Handle as a flammable	ased or Sp and water orbent mat toring: D liquid	billed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate r. For large spills soak up with inert absorbent material such as sand. terial. Do not incinerate. Dispose of in accordance with local, state and federal regulations.
Steps to be Taker all ignition source Waste Disposal M Precautions to be Other precaution Section VIII	n in Case Material is Rele es. Wash spills with soap Method: Landfill for abso e Taken in Handling and S s: Handle as a flammable [- Control Measur	ased or Sp and water orbent mat toring: D liquid	billed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate r. For large spills soak up with inert absorbent material such as sand. terial. Do not incinerate. Dispose of in accordance with local, state and federal regulations.
Steps to be Taker all ignition source Waste Disposal M Precautions to be Other precaution Section VIII Respiratory Prote	n in Case Material is Rele es. Wash spills with soap Method: Landfill for abso e Taken in Handling and S s: Handle as a flammable [- Control Measur	ased or Sp and water orbent mat toring: D liquid	billed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate r. For large spills soak up with inert absorbent material such as sand. terial. Do not incinerate. Dispose of in accordance with local, state and federal regulations. o not store near heat or open flame or temperatures exceeding 120°F.
Steps to be Taker all ignition sourc Waste Disposal M Precautions to be Other precaution Section VIII Respiratory Prote Ventilation	n in Case Material is Rele es. Wash spills with soap Method: Landfill for abso e Taken in Handling and S s: Handle as a flammable [- Control Measur	ased or Sp and water orbent mat toring: D liquid 'es	billed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate r. For large spills soak up with inert absorbent material such as sand. terial. Do not incinerate. Dispose of in accordance with local, state and federal regulations. o not store near heat or open flame or temperatures exceeding 120°F. Local Exhaust: Adequate Special N/A
Steps to be Taker all ignition source Waste Disposal M Precautions to be Other precaution Section VIII Respiratory Protective Ventilation Protective Glove contact	n in Case Material is Rele- es. Wash spills with soap Method: Landfill for abso Taken in Handling and S s: Handle as a flammable I - Control Measur ection: None required	ased or Sp and water orbent mat toring: D liquid res	billed: If container is ruptured and begins to leak, place in a well ventilated area. Eliminate r. For large spills soak up with inert absorbent material such as sand. terial. Do not incinerate. Dispose of in accordance with local, state and federal regulations. o not store near heat or open flame or temperatures exceeding 120°F. Local Exhaust: Adequate Special N/A Mechanical (General): Adequate Other N/A Eye Protection: Safety goggles for splash protection