

# Material Safety Data Sheet

May be used to comply with  
OSHA'S Hazard Communication Standard  
29 CFR 2910.1200. Standard must be  
consulted for specific requirements.

## U.S. DEPARTMENT OF LABOR

Occupational Safety and Health  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

Identity (As Used on Label and List) #202 Big D Fire D One-Shot	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

Manufacturer's Name Big D Industries, Inc.	Emergency Telephone Number (800) 535-5053 (800) 654-4752
Address (number, Street, City, State, and ZIP Code) 5620 S. W. 29th Street (73179)	Telephone Number for Information (800) 654-4752 (405) 682- 2541
P. O. Box 82219	Date Prepared 01/01/2005
Oklahoma City, OK 73148	Signature of Preparer (optional)

### Section II - HMIS Rating

Health 1	Flammability 4	Reactivity 1
----------	----------------	--------------

### Section III - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s)) %(optional)	OSHA PEL	ACGIH TLV	Other Limits Rcmnd.
Acetone CAS #67-64-1	500 ppm	500 ppm	-
Amyl Acetate CAS #628-63-7	100 ppm	100 ppm	-
Ethyl Acetate CAS #141-78-6	400 ppm	400 ppm	
Liq. Petrole\um Gas - CAS #68476-85-7	1000 ppm	1000 ppm	

### Section IV - Physical/Chemical Characteristics

Boiling Point	-44 - 135 <sup>0</sup> F Conc.	Specific Gravity (H <sub>2</sub> O = 1) 0.5677	N/E
Vapor Pressure (mm Hg.)	N/E	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate	<1

Solubility in Water: Slight

Appearance and Odor: Produces fine mist with pleasant fragrance. Liquid is transparent.

### Section V - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits N/A	LEL 1.8%	UEL 12.8
Extinguishing Media	Carbon dioxide, dry foam, water spray		
Special Fire Fighting Procedures	Self contained air supply suggested.		
Unusual Fire and Explosion Hazards	Keep containers cool (below 130 <sup>0</sup> F) to avoid bursting.		

N/A - Not Applicable

N/D - Not Determined

Page 1

N/E - Not Established

**Section VI - Reactivity Data**

Stability	Unstable		Conditions to Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents such as nitric acid.			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur	X	

**Section VII - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
Health Hazards (Acute and Chronic):						
Acute - Propellant is an asphyxiant and may exhibit properties at high concentrate. Chronic - Unconsciousness						
Carcinogenicity:	NTP?	No	IARC Monographs?	No	OSHA Regulated?	No
Signs and Symptoms of Exposure: Skin - possible frostbite burn. Eyes - burning sensation. Inhalation - Headache, nausea, disorientation.						
Medical Conditions Generally Aggravated by Exposure: Emphysema						
Emergency and First Aid Procedures: Eye contact: flush with large amounts of water. May cause corneal damage on prolonged contact. Seek medical attn.						
Ingestion: Do not give anything by mouth to an unconscious person. Seek Medical attn. Inhalation: remove person to fresh air . Administer artificial respiration if not breathing. Seek medical attn.						

**Section VIII - 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 and eliminate all ignition sources.	
Waste Disposal Method: do not discard empty container in incinerator or fire. Dispose of in accordance with Local, State, and Federal regulations.	
Precautions to be Taken in Handling and Storing: Store in cool area away from heat or open flame. Do not store above 130°F as containers may burst releasing the highly flammable propellant. "Store as Level Aerosol (NFPA 30B)	
Other precautions: In case of rupture, ventilate to prevent concentrations from reaching flammable levels. Note: any copies or redistribution of this M.S.D. Sheet must not be modified in any way.	

**Section IX - Control Measures**

Respiratory Protection (Specify Type):     Self contained breathing apparatus.		
Ventilation	Local Exhaust:: Doors & windows open	Special    N/A
	Mechanical (General)    Fan	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.		