

# Material Safety Data Sheet

## (MSDS)

Product Number: # 1202 Product Name: Big D Fire D Liquid	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.
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### 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	Information Telephone Number: (800) 654-4752 (405) 682-2541
P. O. Box 82219	Date Prepared: 02/01/2010
Oklahoma City, OK 73148	Signature of Preparer (optional)

**HMIS Ratings**      Health: 1      Flammability: 2      Reactivity: 0      Personal Protection: A

### Section II - Hazardous Ingredients/Identity Information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	Other Limits	%(optional)
Amyl Acetate	CAS #123-92-2	100 ppm	100 ppm	N/A	
Dipropylene Glycol Methyl Ether	CAS #20324-32-7	100 ppm	150 ppm	N/A	
Petroleum Distillates	CAS #64741-65-7	100 ppm	100 ppm	N/A	
Propylene Glycol	CAS #57-55-6	N/ E	N/ E	N/A	

### Section III - Physical/Chemical Characteristics

Boiling Point	N/D	Specific Gravity (H <sub>2</sub> O = 1)	N/D
Vapor Pressure (mm Hg.)	N/D	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate	<1
Solubility in Water: Slight Solubility			
Appearance and Odor: Amber liquid with pleasant fragrance			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 112 °F Tag Closed Cup	Flammable Limits: N/A	LEL N/A	UEL N/A	
Extinguishing Media: Carbon dioxide, dry foam or water spray				
Special Fire Fighting Procedures: None				
Unusual Fire and Explosion Hazards: None				

N/A = Not Applicable

N/D = Not Determined

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N/E = Not Established

<b>Section V - Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid: Open flames and very hot surfaces cause thermal decomposition.
	Stable	X	
Incompatibility (Materials to Avoid): None			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	May Occur		Conditions to Avoid: None
	Will Not Occur	X	
<b>Section VI - Health Hazard Data</b>			
Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes			
Health Hazards (Acute and Chronic): INHALATION: Dizziness. EYES: Strong irritation and corneal damage on prolonged contact. SKIN: Low order of toxicity; frequent or prolonged contact may irritate skin			
Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No			
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE			
Medical Conditions Generally Aggravated by Exposure: Emphysema			
Emergency and First Aid Procedures: INHALATION: Move to fresh air. SKIN: Wash thoroughly with soap and water. EYES: Flush with large amounts of water for 15 minutes and contact a physician. INGESTION: Do not give anything by mouth if unconscious person. Contact a physician for ingestion.			
<b>Section VII - Precautions for Safe Handling and Use</b>			
Steps to be Taken in Case Material is Released or Spilled: 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. Dispose in accordance with local, state, and federal regulations.			
Precautions to be Taken in Handling and Storing: Do not store near heat or open flame			
Other precautions: Please read label directions carefully and wash hands after use.			
<b>Section VIII - Control Measures</b>			
Respiratory Protection (Specify Type): 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/Hygenic Practices: Good housekeeping practices. Avoid skin/eye contact.			

N.A. = Not Applicable

N.D. - Not Determined

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N/E = Not Established

OSHA 174, Sept. 1985