

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) #20201 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.		
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 01/01/1999		
Oklahoma City, OK 73148	Signature of Preparer (optional)		

Section II - HMIS Rating			
Health 1	Flammability 2	Reactivity 0	

Section III - Hazardous Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity: Common Name(s)) %(optional)	OSHA PEL	ACGIH TLV	Other Limits
			Remnd.
Amyl Acetate CAS #123-92-2	100 ppm	100 ppm	
Dipropylene Glycol Methyl Ether CAS #20324-32-7	100 ppm	150 ppm	
Petroleum Distillates CAS #64741-65-7	100 ppm	100 ppm	
Propylene Glycol Usp CAS #57-55-6	N/E	N/E	

Section IV - Physical/Chemical Characteristics			
Boiling Point	N/D	Specific Gravity (H ₂ 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
Appearance and Odor: Clear amber liquid with pleasant fragrance

Section V - Fire and Explosion Hazard Data			
Flash Point (Method Used) 112 °F (TCC)	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media	Carbon dioxide, dry foam, 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

Section VI - Reactivity Data			
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	

Section VII - Health Hazard Data			
Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic): Acute - headache and nausea; not expected under normal use.			
Chronic - 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: Headache, nausea in case of heavy exposure			
Medical Conditions			
Generally Aggravated by Exposure: Emphysema			
Emergency and First Aid Procedures: Eyes - irrigate with plenty of water for 15 minutes. Skin - wash with soap and water for 15 minutes.			
Ingestion - do not induce vomiting; drink several glasses of milk; seek medical attn. Inhalation - remove to fresh air; seek medical attn.			

Section VIII - Precautions for Safe Handling and Use	
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 nor open flame	
Other precautions: This unit is designed to control odors in a 6,000 cubic foot area and should be used accordingly. Read label.	

Section IX - Control Measures			
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.			