

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) #450, 451, 455,456,, 462, 463, 464, 465, 467, 468,469, 472, 473, 474 Metered Aerosol Deodorants	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 10/14/1999		
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 Recommended	%
Acetone CAS #67-64-1	750 ppm	750 ppm		75
Liquefied Petroleum Gas CAS #68476-85-7	1000 ppm	N/A		25
Fragrance (no CAS #)	N/A	N/A		

Section IV - Physical/Chemical Characteristics			
Boiling Point		Specific Gravity (H ₂ O = 1)	N/D
Vapor Pressure (mm Hg.)		Melting Point	
Vapor Density (AIR = 1)		Evaporation Rate	

Solubility in Water: N/E
Appearance and Odor: Very dry spritz with various fragrance odors.

Section V - Fire and Explosion Hazard Data			
Flash Point (Method Used)	Flammable Limits	LEL	UEL
		1.8%	12.8%
Extinguishing Media Carbon dioxide, dry chemical foam			
Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure build-up and possible autoignition 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: Material is highly volatile and readily gives off vapors, which may travel along the ground or move by ventilation and ignited. Possible ignition sources such as pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations distant from material handling point.			

Section VI - Reactivity Data			
Stability	Unstable		Conditions to Avoid: Open flames or electrical arcs.
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents such as nitric acid, strong alkalies and strong mineral acids			
Hazardous Decomposition or Byproducts: Burning can produce small amounts of carbon monoxide and/or carbon dioxide and trace amounts of phosgene.			
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 - None known Chronic - Low order of toxicity; frequent or prolonged contact may irritate skin; may result in kidney and liver damage			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure: Inhalation - Shortness of breath, dizziness and light headedness Eyes & Skin - Irritation Ingestion - May cause chemical pneumonia if aspirated into lungs.			
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency and First Aid Procedures: Flush skin and eyes repeatedly with water. If ingested, give large amounts of water. Do not induce vomiting. Get medical attention. If inhaled, remove to fresh air.			

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. 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: None	

Section IX - Control Measures			
Respiratory Protection (Specify Type): NIOSH/OSHA approved respirator types suitable for materials in Section II recommended. Approved Mechanical/Chemical filters recommended when ventilation is restricted. Approved airline type respirators or hoods recommended in confined areas.			
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.			