

Material Safety Data Sheet

(MSDS)

Product Number: # 470 Product Name: Big D Metered Insecticide	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	Telephone Number for Information (800) 654-4752 (405) 682-2541
P. O. Box 82219	Date Prepared: 01/01/2010
Oklahoma City, OK 73148	EPA Registration No. 44446-56-7052
HMIS Ratings Health: 1 Flammability: 2 Reactivity: 2 Personal Protection: A	

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Bicycloheptane Dicarboxide	CAS # 113-48-4	N/A	N/A	N/A	
Isoparafinic hydrocarbon	CAS # 64742-47-8	400 ppm	400 ppm	N/A	
Piperonyl Butoxide	CAS # 51-03-6	N/D	N/D	N/A	
Propane/ n-Butane	CAS # 68476-86-8	1000 ppm	600 ppm	N/A	

SECTION III - Physical/Chemical Characteristics

Boiling Point	362°F	Specific Gravity (H ₂ O = 1)	0.80
Vapor Pressure (mm Hg.)	1.0	Melting Point	N/A
Vapor Density (AIR = 1)	1	Evaporation Rate	<1
Solubility in Water: 0%			
Appearance and Odor: Clear spray, characteristic insecticide solvent odor.			

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 185 °F TCC	Flammable Limits:	LEL N/A	UEL N/A
Extinguishing Media: Standard dry chemical fire extinguisher			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards: CAUTION: Contents under pressure. Exposure to temperatures above 120°F may cause bursting.			

SECTION V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: Avoid heating to abnormal temperatures.
	Stable	X	
Incompatibility (Materials to Avoid): Some plastics.			
Hazardous Decomposition or Byproducts: Oxides of carbon.			
Hazardous Polymerization	May Occur		Conditions to Avoid: Temperatures > 120 F
	Will Not Occur	X	
SECTION VI - Health Hazard Data			
Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: No			
Health Hazards (Acute and Chronic): INHALATION: Dizziness. Excessive exposure may lead to unconsciousness. EYES: Strong irritation. SKIN: Mild irritation of 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: Excessive exposure may aggravate respiratory, cardiovascular or pulmonary illnesses.			
Emergency and First Aid Procedures: Inhalation: Remove to fresh air. Skin: Wash thoroughly with soap and water. Eyes: Flush with running water thoroughly for 15 minutes. If irritation persists, consult physician.			
SECTION VII - Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled: Wipe up with rag or some absorbent clay material.			
Waste Disposal Method: Do not puncture or incinerate container. Do not reuse container. Wrap container and place in trash collection. Dispose of residue in accordance with local, state and federal guidelines.			
Precautions to be Taken in Handling and Storing: Do not use or store near heat or open flames. Exposure to temperatures above 120 F may cause bursting.			
Other precautions: Keep out of reach of children.			
SECTION VIII- Control Measures			
Respiratory Protection (Specify Type): None			
Ventilation	Local Exhaust: Sufficient		Special: N/A
	Mechanical (General): N/A		Other: N/A
Protective Gloves: N/A		Eye Protection: Safety glasses are recommended whenever chemicals are used.	
Other Protective Clothing or Equipment: N/A			
Work/Hygienic Practices: Wash hands after use.			

N.A. = Not Applicable

N.D. - Not Determined

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N/E = Not Established

OSHA 174, Sept. 1985

U.S. DEPARTMENT OF LABOR

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