

Material Safety Data Sheet

U.S. DEPARTMENT OF LABOR

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

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

Identity (As Used on Label and List) #470 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.		
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 06-01-2003		
Oklahoma City, OK 73148		Signature of Preparer (optional)		
Section II - HMIS Rating				
Health 2		Flammability 2		
		Reactivity 1		
Section III - Hazardous Ingredients/Identity Information				
Hazardous Components (Specific Chemical Identity: Common Name(s)) %(optional)		OSHA PEL	ACGIH TLV	Other Limits
				Remnd.
Isoparafinic Hydrocarbon CAS #64742-47-8		400 ppm	400 ppm	
Propane/ n-Butane CAS # 68476-86-8		1000 ppm	600 ppm	
Section IV - Physical/Chemical Characteristics				
Boiling Point	362°F	Specific Gravity (H ₂ O = 1)	0.81	
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 V - 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.				

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: 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:
	Will Not Occur	X	Avoid heating to abnormal temperatures
Section VII - Health Hazard Data			
Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? No			
Health Hazards (Acute and Chronic): Acute & Chronic Inhalation: Dizziness. Excessive exposure may lead to unconsciousness. Eyes: Strong Irritation. Skin: Mild Irritation, Defatting 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: Eye - flush with running water thoroughly for 10 minutes. If irritation persists, consult physician. Skin - Wash thoroughly with soap & water. Inhalation: Remove to fresh air			
Section VIII - 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 discard in incinerator or fire. Dispose of in accordance with local, state and federal regulations.			
Precautions to be Taken in Handling and Storing: Store in a cool area away from heat or open flame. Do not store above 120°F			
Other precautions: Read label and use in accordance with instructions.			
Section IX - Control Measures			
Respiratory Protection (Specify Type): None			
Ventilation	Local Exhaust	Hood or Fan	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. Read entire label before using product.			