

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) #341 Odor Killer Fogger	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 2	Flammability 3	Reactivity 0	

Section III - Hazardous Ingredients/Identity Information				
Hazardous Components [Specific Chemical Identity: Common Name(s)]	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Amyl Acetate CAS #628-63-7		100 ppm	100 ppm	1.1
Hydrocarbon Propellant Propane CAS #74-98-6		1000 ppm	1000 ppm	30.0
Isobutane CAS #75-28-5	800 ppm	800 ppm		
Isopropanol CAS #67-63-0	1000 ppm	1000 ppm	55.0	

Section IV - Physical/Chemical Characteristics			
Boiling Point		Specific Gravity (H ₂ O = 1)	N/D
Vapor Pressure (mm Hg.) PSIG 68 ⁰ F		Melting Point	60
Vapor Density (AIR = 1)		Evaporation Rate	>1

Solubility in Water: 67%
Appearance and Odor: Fine aerosol with pleasant scent

Section V - Fire and Explosion Hazard Data			
Flash Point (Method Used) Below 20 ⁰ F TOC	Flammable Limits N/D	LEL N/D	UEL N/D
Extinguishing Media	Carbon dioxide, dry chemical, water fog		
Special Fire Fighting Procedures	Self contained air supply suggested		
Unusual Fire and Explosion Hazards	Keep container cool (below 130 ⁰ F) to avoid bursting		

Section VI - Reactivity Data			
Stability	Unstable		Conditions to Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents such as nitric acid.			
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 - Propellant is an asphyxiant and may exhibit properties at high concentrations. Chronic - Unconsciousness			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure: Skin - possible frostbite burn. Eyes - burning sensation. Inhalation - headache, nausea, disorientation.			
Medical Conditions Generally Aggravated by Exposure: Emphysema			
Emergency and First Aid Procedures: Eye Contact - Flush with lukewarm water. Get medical attn. Inhalation - Remove victim from exposure. Administer artificial respiration if not breathing. Get medical attn.			

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 and eliminate all ignition sources.
Waste Disposal Method: Do not discard empty container in incinerator or fire. Dispose of in accordance with local, state & 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 130°F as containers may burst releasing the highly flammable propellant. "Store as Level Aerosol (NFPA 30B)." **In case of rupture, ventilate to prevent concentrations from reaching flammable levels.
Other precautions: None, except any copies or redistribution of this M.S.D.S. must not be modified in any way.

Section IX - Control Measures		
Respiratory Protection (Specify Type): Self contained breathing apparatus		
Ventilation	Local Exhaust: Door & Windows open	Special N/A
	Mechanical (General) Fan	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.		