Material Safety Data Sheet

(MSDS)

Product Number: # 341, 342, 343, 344, 345, and 374 Product Name: Odor Control 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 – Product and Company Information

Manufacturer Name: Big D Industries, Inc.	Emergency Telephone Number 800 535 5053
Address: 5620 SW 29th Street, Oklahoma City OK 73179	Telephone Number for Information: 800 654 4752 or 405 682 2541
PO Box 82219, Oklahoma City OK 73148	Date Prepared: 8-31-2011
	Signature of Preparer (optional)

HMIS Ratings Health: 2 Flammability: 4 Reactivity: 1 Personal Protection: A

Section II - Hazardous Ingredients/Identity Information

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Acetone	CAS #67-64-1	100 ppm	100 ppm	N/A	
Hydrocarbon Propellant Propane	CAS # 74-98-6	1000 ppm	1000 ppm	N/A	
Isobutane	CAS # 75-28-5	800 ppm	800 ppm	N/A	
N-Butane	CAS # 106-97-8	800 ppm	800 ppm	N/A	
Fragrance	No CAS #	N/A	N/A	N/A	
1,4-Dioxane ***	123-91-1	N/A	N/A	N/A	Trace

*** Indicates a product known to the state of California to cause cancer per Proposition 65

Section III - Physical/Chemical Characteristics

Boiling Point	N/D	Specific Gravity (H_2O = 1)	0.75 – 0.80
Vapor Pressure (mm Hg.) PSIG 68^{0}F	60	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate	<1

Solubility in Water: N/E

Appearance and Odor: Fine aerosol fog with various scents

Section IV - Fire and Explosion Hazard Data

Flash Point: Below 20^{0}F TOC	Flammable Limits	LEL N/D	UEL N/D

Extinguishing Media: Foam, dry chemical, water, or carbon dioxide (CO2)

Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition 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: CAUTION: Contents under pressure. Exposure to temperatures above 120^{0}F may cause bursting.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid: Avoid open flames and temperatures > 120F
	Stable	X	
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents and strong acids.			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	May Occur		Conditions to Avoid: N/A
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards (Acute and Chronic): Acute – High vapor concentrations can cause irritation of the eyes and respiratory system.
Chronic – Skin irritation can occur among sensitive individuals following repeated contact.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

Signs and Symptoms of Exposure: INHALATION - Shortness of breath, dizziness and light headedness. EYES – Irritation and redness. SKIN – Irritation. INGESTION - May cause chemical pneumonia if aspired into lungs.

Medical Conditions Generally Aggravated by Exposure: Emphysema

Emergency and First Aid Procedures: INHALATION: Move to fresh air. SKIN: Wash with plenty of soap and water and seek medical attention if irritation persists. INGESTION: Seek medical attention or call your nearest poison control center.

Section VII - 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^{o}F.

Other precautions: Handle as a flammable liquid

Section VIII - Control Measures

Respiratory Protection: 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/Hygienic Practices: Good housekeeping practices. Avoid skin/eye contact.		