

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-PT American Patriot Industries Fogger – Smoke & Odor Eliminator	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

Manufacturer's Name: Big D Industries	Emergency Telephone Number (800) 535-5053 (800)654-4752
Address (number, Street, City, State, and ZIP Code) 5620 S.W. 29 th Street	Telephone Number for Information (405) 682-2541
P. O. Box 82219 (73148)	Date Prepared 01/01/2009
Oklahoma city, OK 73179	Signature of Preparer (optional)

Section II - HMIS Rating

Health	2	Flammability	3	Reactivity	0
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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	N/D	Specific Gravity (H ₂ O = 1)	0.8
Vapor Pressure (mm Hg.) PSIG 68 ^o F	60	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate	

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 ^o 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 ^o 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. AStore 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.			