

Material Safety Data Sheet

Manufactured For: **Bio-Pro Research LLC**
Name & Address 1701 Biotech Way
 Sarasota, FL 34243

Emergency Telephone No. (941) 358-9609 (8am-5pm;M-F)
 (800) 424-9300 24 Hours

HMIS Symbol:

Health	1
Flammability	2
Reactivity	0

HMIS	NFPA
Minimal 0	Insignificant 0
Slight 1	Slight 1
Moderate 2	Moderate 2
Serious 3	High 3
Severe 4	Extreme 4

NFPA Symbol:



Date Prepared: June 12, 2006 **Prepared By:** *V. Burnell* **SUPERCEDES:** NEW

SECTION 1 - IDENTITY

Common Name: (used on label) **Pet Fogger**
(Trade name & Synonyms)

Chemical Name Mixture packaged in pressurized aerosol spray can.

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s)	CAS No.	OSHA PEL	ACGIH TLV	Other Limits
*2-Butoxyethanol	111-76-2	50 ppm	25 ppm	NA
2-Propanone	67-64-1	500 ppm	1000 ppm	750 ppm STEL
Propane	74-98-6	Not. Est.	1000 ppm	

*Section 313 Supplier Notification - Indicates hazardous ingredients which are toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	>200°F	Specific Gravity (H₂O=1)	0.9 g/ml	Vapor Pressure (Propellant)	Not Est.
% - VOC	24.8%	Evaporation Rate (BuAc=1)	<1.0	pH	9.9 – 10.9
Solubility In Water	Miscible	Appearance and Odor	Water white hazy liquid with a sweet floral fragrant odor;		

SECTION 4 - FIRE & EXPLOSION DATA

Flammability (per flame projection)	Non-Flammable	Flammable Limits in Air (Propellants)	Lower N/A	Upper N/A	Extinguisher Media	Foam, Dry Chemical (B-C), CO ₂
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Special Fire Fighting Procedures Keep containers cool using water spray to avoid bursting. Use appropriate equipment to protect personnel from bursting containers.

Unusual Fire and Explosion Hazards Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

SECTION 5 - PHYSICAL HAZARDS

Stability	Unstable <input type="checkbox"/>	Conditions to Avoid	Open Flames; Temp. > 120°F.	Hazardous Polymerization	May Occur <input type="checkbox"/>	Conditions to Avoid	None
	Stable <input checked="" type="checkbox"/>				Will not Occur <input checked="" type="checkbox"/>		

Incompatibility (Materials to Avoid) Avoid contact with strong oxidizers.

Hazardous Decomposition Products CO, CO₂

SECTION 6 - HEALTH HAZARDS

Routes of Entry	Inhalation: Yes	Eyes / Skin: Yes	Ingestion: Unlikely
Signs and Symptoms of Exposure (Acute & Chronic)	Inhalation Eye Contact Skin Contact Ingestion	High concentrations of vapors may irritate nose and throat and cause symptoms of intoxication such as dizziness, nausea, or headache. Direct spray or vapors will irritate eyes. Product may cause irritation. May cause gastrointestinal irritation.	
Medical Conditions Generally Aggravated by Exposure	None Known		
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> OSHA Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Emergency and First Aid Procedures

1. Inhalation	Remove victim to fresh air. Apply artificial respiration if needed. Get medical attention.
2. Eyes	Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.
3. Skin	Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation develops.
4. Ingestion	Do not induce vomiting unless directed by physician. Get medical attention.

SECTION 7 – SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type)	None required for normal use.							
Ventilation	Local Exhaust	Maintain adequate ventilation.	Mechanical (General)	N/A	Special	N/A	Other	N/A
Protective Gloves	Wear chemical resistant GLOVES if repeated skin contact occurs or causes irritation.			Eye Protection	Wear SAFETY GLASSES or GOGGLES to prevent eye contact.			
Other Protective Clothing or Equipment	Wash hands after use.							

SECTION 8 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken Handling and Storage	Do not store at temperatures above 120°F. Do not puncture or incinerate containers. Keep out of reach of children. Store in accordance with NFPA 30B for Level 2 Aerosols .
Other Precautions	Read label cautions carefully. Follow label directions to avoid injury.
Steps to be Taken in Case Material is Released or Spilled	Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with regulations.
Waste Disposal Methods	Dispose of in accordance with local, state, and federal regulations.
Warning	This product contains a chemical (s) known to the state of California to cause cancer/reproductive harm.
Transportation Info	DOT CLASSIFICATION: HAZARDOUS PACKING GROUP: N/A DESCRIPTION: CONSUMER COMMODITY, ORM-D UN NUMBER: UN 1950 HAZARD CLASS: 2.1

We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions are beyond our control, user assumes all responsibility and risk.