

Identity: Virbac® Knockout Room and Area Fogger
with NyLar® (pyriproxyfen) Insect Growth Regulator

Product Code 612106

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Section I

Supplier Information:

Emergency Telephone Number

Name: Virbac AH Inc.

Transportation: Chemtrec 800-424-9300

Other emergencies:

Address: P. O. BOX 162059

POISON CONTROL CENTER or 911

City: FORT WORTH

Telephone Number for Information

State: TX 76161

Contact Virbac: 800/338-3659

Section II - Hazardous Ingredients/Identity Information

Highly Flammable Ingredient.

Harmful if swallowed.

Avoid breathing vapors or spray mist.

Avoid contact with eyes, skin or clothing.

Hazardous Components (Special Chemical Identification; Common Name)	OSHA PEL	TWA	STEL	CAS #	% (opt.)
Pyriproxyfen	Not Established	Not Established	Not Established	95737-68-1	0.100%
Pyrethrins	Not Established	Not Established	Not Established	8003-34-7	0.050%
n-octyl bicycloheptene dicarboximide	Not Established	Not Established	Not Established	113-48-4	0.400%
Permethrin	Not Established	Not Established	Not Established	52645-53-1	0.400%
Related Compounds	Not Established	Not Established	Not Established		0.035%
Propellant A-70					
Propane	Not Established	1000 ppm	Asphyxiant	74-98-6	
Butane	Not Established	800 ppm	Asphyxiant	75-28-5	

Section III - Physical/Chemical Characteristics

Boiling Point:	>200°F
Specific Gravity (H ₂ O = 1):	1.0
Vapor Pressure (mm Hg):	Not Known
Percent Volatile by Volume	<35%
Vapor Density (AIR = 1):	Not Applicable
Evaporation Rate (Butyl Acetate = 1):	1.0
Solubility in Water:	Miscible
Appearance and Odor:	Opaque liquid with solvent/Insecticidal odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used):	>172°F
Flammable Limits:	Not Established
	Not Established
Extinguishing Media:	Foam, carbon dioxide, or dry chemical suitable for the surrounding fire and materials.
Special Firefighting Procedures:	Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Firefighters should use protective shielding to avoid being hit by rupturing containers.
Unusual Fire and Explosion Hazards:	Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

Section V - Reactivity Data

Stability	STABLE
Incompatibility (Materials to Avoid):	Heat and Open Flame
Hazardous Decomposition or Byproducts:	Products of combustion are principally carbon dioxide, carbon monoxide, and water.
Hazardous Polymerization	WILL NOT OCCUR
Conditions to Avoid:	Do not spray into open flame or onto very hot surfaces. Do not store above 130°F. Do not store near open flame.

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Section VI - Health Hazard Data

Routes of Entry:	Inhalation? YES	Skin? YES	Ingestion? YES
Health Hazards (Acute and Chronic):	None presently known.		
Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure:	May cause temporary discomfort to the eyes. May cause mild skin irritation Amounts transferred to the mouth by fingers, etc., during normal operation should not cause injury.		
Medical Conditions Generally Aggravated by Exposure:	None presently known.		
Emergency and First Aid Procedures			
INGESTED:	If swallowed immediately call a physician or Poison Control Center. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.		
SKIN CONTACT:	Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.		
EYE CONTACT:	Hold eyes open and rinse eyes slowly and gently with water for a minimum of 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eyes. Call a Poison Control Center or a physician for treatment advice.		
INHALATION:	Move person to fresh air. If person is not breathing, call 911 or an ambulance. Then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.		
OTHER INFORMATION:	Unnecessary exposure to this product, or any chemical, should be avoided.		
Note:	Have the product container or label with you when calling a Poison Control Center or physician, or going for treatment. You may also contact the National Animal Poison Control Hot Line at 1-800-345-4735 for emergency medical treatment information for your pet.		

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:	Remove ignition sources. Use absorbent material to collect and contain for salvage or disposal. Ventilate area. This product contains PYRETHRIN a CERCLA listed chemical.
Waste Disposal Method:	Do not puncture or incinerate. If empty place in trash or offer for recycling if available. For partially filled containers, call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Do not contaminate water, food or feed by storage or disposal.

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Section VII - Precautions for Safe Handling and Use (continued)

Precautions to be Taken in Handling or Storage:

Store in a cool, dry place inaccessible to children and away from heat or open flame.
Do not store above 130°F. Do not store near open flames.
Avoid contamination of feed and foodstuff.
Not for use in USDA Meat and Poultry Plants.
Do not use in food areas or food handling establishments, restaurants or other areas where food is commercially prepared or processed.
Do no use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared food is served such as dining rooms but excluding areas where foods may be prepared or held in the home.
Do not use in commercial food processing, preparation, food storage on serving areas.
All food processing surfaces and utensils should be covered during treatment or thoroughly washed before use.
Exposed food should be covered or removed.
Remove pets, birds and cover fish aquariums before spraying.
Keep out of the reach of children.
Harmful if swallowed.
Avoid breathing mist or vapor.
Avoid contact with eyes, skin or clothing.
Avoid skin contact.
Contents under pressure. Keep away from heat, sparks and open flame.
Exposure to temperatures above 130°F may cause bursting.
Use only at normal room temperature
Read and follow directions on product label.

Other Precautions:

Section VIII - Control Measures

Respiratory Protection: No respiratory protection required when used according to label directions.
Use only in a well-ventilated area.
Use only at room temperature.

Ventilation Local Exhaust: Use only in a well-ventilated area.
Special: Not Applicable
Mechanical (General): Not Applicable

Protective Gloves: Solvent resistant gloves are highly recommended.

Eye Protection: NIOSH approved safety glasses or goggles.

Other Protective Clothing or Equipment: None required when used according to label.

Professional groomers or applicators (those with repeated and extended exposure) should wear goggles, an OSHA approved respirator, apron, and rubber gloves at a minimum when working with this and other similar products.

Work/Hygienic Practices: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

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Section IX - Additional Information

DOT Proper Shipping Name: (49 CFR 172.101) Consumer Commodity.

DOT Hazard Class (49 CFR 172.101) ORM-D

Generic Description: Insecticidal Aerosol

EPA Reg. No. 2382-184

REGULATORY REQUIREMENTS: This product is subject to reporting requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Contains PYRETHRIN a CERCLA listed chemical.

REGULATORY REQUIREMENTS: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate health (acute)

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Chemical Name	CAS Number	Concentration
Pyrethrin	8003-34-1	1 lb.
Permethrin	52645-53-1	newly listed

Virbac is a registered trademark of VBSA.

Nylar is a registered trademark of McLaughlin Gormley King and Company.

Disclaimer of Expressed and Implied Warranties: This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.

Prepared by Regulatory Affairs Department

New MSDS Date: September 24, 2010

Supersedes MSDS Date: February 23, 2009