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M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1. Product and Company Identification FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Product Code: 270-218**Product Name:** FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL **Chemical Family:**
compound**Manufacturer Name and
Address:****Telephone
Numbers:****Dates:**

Distributed by:

CHEMTREC

(800)424-9300

Date Created:
08/21/1990

Farnam Companies, Inc.

District of Columbia (202)483-0414

Revision:
05/31/2007301 West Osborn Road
Phoenix, AZ.

Farnam Companies, In (800)234-2269

Printed: 05/31/2007

Additional Identity Information

6-oz. 2506, 9-oz. 2509

SECTION 2. Composition/Information on Ingredients FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Hazardous Components (Chemical Name)	CAS #	Concentration
1. BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	17.589 -18.14 %
2. Pyrethrins and Pyrethroids {Cinerin I or II; Pyrethrum}	8003-34-7	0.68 -0.717 %
3. Piperonyl butoxide {2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether}	51-03-6	0.375 -0.396 %
OSHA PEL	ACGIH TLV	Other Limits
1. No data.	No data.	No data.
2. 5mg/m3	5mg/m3	5mg/m3 TWA
3. No data.	No data.	No data.

SECTION 3. Hazards Identification

FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Emergency Overview

No data available.

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes

Potential Health Effects (Acute and Chronic)

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin or eyes.

Carcinogenicity: NTP? N.A. , IARC Monographs? N.A. , OSHA Regulated? Yes

Carcinogenicity/Other Information

No data available.

Recommended Exposure Limits

NE

LD 50 / LC 50

1.29 g/kg Oral Rat Pyrethrins

Signs and Symptoms Of Exposure

Eye irritant. Mild to moderate dermal irritation potential for sensitive persons.

Medical Conditions Generally Aggravated By Exposure

Unknown.

SECTION 4. First Aid Measures

FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Emergency and First Aid Procedures

IF SWALLOWED: Do NOT induce vomiting. Drink two 2 glasses of water and contact physician or Poison Control Center. Do not induce vomiting or give anything by mouth to an unconscious patient.

IF INHALED: Remove patient to fresh air. Get medical attention if irritation persists. Apply artificial respiration if indicated.

IF IN EYES: Flush with plenty of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

Note to Physician

No data available.

SECTION 5. Fire Fighting Measures

FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Flash Pt: 60.00 F **Method Used:** 20" Flame extension

Explosive Limits: LEL: NT UEL: NT

Extinguishing Media

CO₂, water

Fire Fighting Instructions

Enclosed containers may explode if overheated. Sprinkle heated containers with a fine mist of water to cool them. Fight pesticide fires from upwind. Equipment contaminated by smoke from pesticide fires may require decontamination before reuse.

Flammable Properties and Hazards

Flammable. Contents under pressure. Equipment or materials used in fighting pesticide fires may become contaminated and require decontamination before reuse. Move containers from fire area if possible; fire or intense heat may rupture containers. Excessive use of water spray may increase area of contamination; dike fire control water for later disposal.

Hazardous Combustion Products

No data available.

SECTION 6. Accidental Release Measures FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Steps To Be Taken In Case Material Is Released Or Spilled

Soak with absorbent material such as sand, sawdust, earth, etc., and shovel into bags or containers. Toxic to fish, avoid contamination of ponds, lakes and streams.

SECTION 7. Handling and Storage FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Hazard Label Information:

Store away from incompatible material Store at correct temperature

Store away from acids Glove permeation data does not exist

Precautions To Be Taken in Handling

Destroy empty containers, wrap and dispose of in trash. Avoid overheating of enclosed containers. Do not incinerate or puncture.

Precautions To Be Taken in Storing

No data available.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of waste. Contents under pressure.

**SECTION 8. Exposure Controls/Personal Protection
FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL**

Protective Equipment Summary - Hazard Label Information:

Neoprene gloves Goggles and face shield

Respiratory Equipment (Specify Type)

OSHA Approved

Eye Protection

Goggles

Protective Gloves

Rubber

Other Protective Clothing

None known

Engineering Controls (Ventilation etc.)

Local Exhaust: sufficient

Special:

Mechanical (Gen):

Other:

Work/Hygienic/Maintenance Practices

Follow label instructions and precautionary statements. Wash hands before smoking, eating or using restroom.

**SECTION 9. Physical and Chemical Properties
FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL**

Physical States:

Gas , Liquid , Solid

Boiling Point:

N.A.

Melting Point:	N.A.
Specific Gravity (Water = 1):	0.88 at 25.0 C
Density:	No data.
Vapor Pressure (vs. Air or mm Hg):	N.A.
Vapor Density (vs. Air = 1):	7.3 at 25.0 C
Evaporation Rate (vs Butyl Acetate=1):	N.A.
Solubility in Water:	No data.
Percent Volatile:	N.A.
Saturated Vapor Concentration:	No data.
Viscosity:	No data.
pH:	5.2
Appearance and Odor	
Yellow liquid with alcohol odor.	

SECTION 10. Stability and Reactivity FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

Heat and flame.

Incompatibility - Materials To Avoid

Strong oxidizing agents, cadmium, copper, lead, zinc.

Hazardous Decomposition Or Byproducts

Unknown.

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

Will not occur

SECTION 11. Toxicological Information FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

No data available.

SECTION 12. Ecological Information FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

No data available.

SECTION 13. Disposal Considerations
FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Waste Disposal Method

Dispose of in accordance with local, State and Federal regulations.

SECTION 14. Transport Information
FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

DOT Proper Shipping Name

No data available.

DOT Hazard Label: LEVEL 2, CONSUMER COMMODITY ORM-D

UN/NA Number: No dat

Additional Transport Information

No data available.

SECTION 15. Regulatory Information
FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

No data available.

SECTION 16. Other Information
FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL

Supersedes Revision 04/25/2001

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.
