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:
Distributed by: CHEMTREC
Farnam Companies, Inc. District of Columbia
301 West Osborn Road Phoenix, AZ.

Additional Identity Information
6-oz. 2506, 9-oz. 2509

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

<table>
<thead>
<tr>
<th>Hazardous Components (Chemical Name)</th>
<th>CAS #</th>
<th>Concentration</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Pyrethrins and Pyrethroids {Cinerin I or II; Pyrethrum}</td>
<td>8003-34-7</td>
<td>0.68 -0.717 %</td>
<td>5mg/m3</td>
<td>5mg/m3</td>
<td>5mg/m3 TWA</td>
</tr>
<tr>
<td>3. Piperonyl butoxide {2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether}</td>
<td>51-03-6</td>
<td>0.375 -0.396 %</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
</tbody>
</table>
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/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, [ X ] 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
**SECTION 13. Disposal Considerations**

**FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL**

**Waste Disposal Method**
Dispose of in accordance with local, State and Federal regulations.

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**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.

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**SECTION 15. Regulatory Information**

**FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL**

No data available.

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**SECTION 16. Other Information**

**FLYS-OFF INSECT REPELLENT FOR DOGS AEROSOL**

**Supercedes 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.