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

Product Code: 270-225, Reference #: 2406
Product Name: FLYS-OFF LOTION INSECT REPELLENT FOR DOGS
Chemical Family: compound

Manufacturer Name and Address:
Distributed by: CHEMTREC
Farnam Companies, Inc.
301 West Osborn Road
Phoenix, AZ.

Telephone Numbers: Dates:
CHEMTREC (800)424-9300
District of Columbia (202)483-0414
Farnam Companies, Inc. (800)234-2269

Date Created: 08/21/1990
Revision: 05/31/2007
Printed: 05/31/2007

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

Hazardous Components (Chemical Name)  CAS #  Concentration
1. BUTOXY POLYPROPYLENE GLYCOL  9003-13-8  17.589 - 18.12 %
2. Pyrethrins and Pyrethroids {Cinerin I or II; Pyrethrum}  8003-34-7  0.68 - 0.714 %
3. PETROLEUM DISTILLATE  NA  7.33 - 7.77 %
4. Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}  67-63-0  30.0 - 45.0 %

OSHA PEL  ACGIH TLV  Other Limits
1. No data.  No data.  No data.
2. No data.  No data.  No data.
3. No data.  No data.  No data.
4. 400ppm  500ppm  400ppm TWA
SECTION 3. Hazards Identification
FLYS-OFF LOTION INSECT REPELLENT FOR DOGS

Emergency Overview
No data available.

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

Potential Health Effects (Acute and Chronic)
May be harmful if swallowed, inhaled or absorbed through skin.


Carcinogenicity/Other Information
No data available.

LD 50 / LC 50
1.29g/kg Pyrethrins

Signs and Symptoms Of Exposure
NE

Medical Conditions Generally Aggravated By Exposure
NE

SECTION 4. First Aid Measures
FLYS-OFF LOTION INSECT REPELLENT FOR DOGS

Emergency and First Aid Procedures
IF SWALLOWED: Do NOT induce vomiting, drink two glasses of water and contact a physician or Poison Control Center. Product contains aromatic solvents.
IF INHALED: Remove patient to fresh air, apply artificial respiration if indicated, consult a physician if irritation persists.
IF IN EYES: Flush eyes with plenty of water. Consult a physician if irritation persists.
IF ON SKIN: Remove contaminated clothing, wash skin with soap and water. Launder contaminated clothing before reuse.

Note to Physician
No data available.

SECTION 5. Fire Fighting Measures
FLYS-OFF LOTION INSECT REPELLENT FOR DOGS
**Flash Pt:** 60.00 F  
**Method Used:** No data.  
**Explosive Limits:** LEL: NT  UEL: NT  
**Extinguishing Media**  
CO2, foam

**Fire Fighting Instructions**  
Fight pesticide fires from upwind, stay out of smoke. Use SCBA. Dike fire control water to prevent runoff from entering sewers or other bodies of water. Cool containers with a fine mist of water. Move containers from area if possible.

**Flammable Properties and Hazards**  
Containers may burst if overheated. Product will float on water. Equipment used in fighting pesticide fires may require decontamination before reuse.

**Hazardous Combustion Products**  
No data available.

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

**Steps To Be Taken In Case Material Is Released Or Spilled**  
Soak up spills with absorbant material such as sand, sawdust, diatomaceous earth, etc. Sweep into containers for disposal.

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

**Precautions To Be Taken in Handling**  
Store in tightly closed containers in cool, dry place inaccessible to children, away from heat, sparks or open flame.

**Precautions To Be Taken in Storing**  
No data available.  
**Other Precautions**  
KEEP OUT OF REACH OF CHILDREN. For external veterinary use only.

**SECTION 8. Exposure Controls/Personal Protection**  
**FLYS-OFF LOTION INSECT REPELLENT FOR DOGS**
SECTION 9. Physical and Chemical Properties
FLYS-OFF LOTION INSECT REPELLENT FOR DOGS

Physical States: [ ] Gas, [ X ] Liquid, [ ] Solid
Boiling Point: 60.00 F
Melting Point: N.A.
Specific Gravity (Water = 1): 0.8 at 24.0 C
Density: No data.
Vapor Pressure (vs. Air or mm Hg): N.A.
Vapor Density (vs. Air = 1): N.A.
Evaporation Rate (vs Butyl Acetate=1): N.A.
Solubility in Water: No data.
Percent Volatile: 40.0 % by volume.
Saturated Vapor Concentration: No data.
Viscosity: No data.
pH: NA
Appearance and Odor
Clear yellow liquid.

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

Stability: Unstable [ ] Stable [ X ]
Conditions To Avoid - Instability
Heat & sunlight

Incompatibility - Materials To Avoid
Oxidizing & reducing agents

Hazardous Decomposition Or Byproducts
CO, CO2, Pesticide vapors

Hazardous Polymerization: Will occur [ ] Will not occur [ X ]
Conditions To Avoid - Hazardous Polymerization
Will not occur

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

No data available.

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

No data available.

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

Waste Disposal Method
Dispose of according to applicable Federal, State and local regulations.
SECTION 14. Transport Information
FLYS-OFF LOTION INSECT REPELLENT FOR DOGS

DOT Proper Shipping Name
No data available.

DOT Hazard Label: Consumer Commodity, ORM-D
UN/NA Number: No data available.

Additional Transport Information
No data available.

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

No data available.

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

Supercedes Revision 04/25/2001

<table>
<thead>
<tr>
<th>NFPA Hazard Ratings:</th>
<th>Flammability</th>
<th>Health</th>
<th>Instability</th>
<th>Special Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimal: 0</td>
<td>Slight: 1</td>
<td>Moderate: 2</td>
<td>Serious: 3</td>
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</tbody>
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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.