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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 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:****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

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	400ppmTWA

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 abosorbed through skin.

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

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

Protective Equipment Summary - Hazard Label Information:

Neoprene gloves
Goggles and face shield

NIOSH/MSHA approved respirator

Respiratory Equipment (Specify Type)

Self contained breathing apparatus for fire fighting

Eye Protection

Goggles

Protective Gloves

Rubber

Other Protective Clothing

No data available.

Engineering Controls (Ventilation etc.)

Local Exhaust: may not be sufficient

Special:

Mechanical (Gen):

Other:

Work/Hygienic/Maintenance Practices

Wash hands thoroughly after use and before eating, smoking or using restroom.

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

Physical States:	<input type="checkbox"/> Gas , <input checked="" type="checkbox"/> Liquid , <input type="checkbox"/> 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 dat

Additional Transport Information

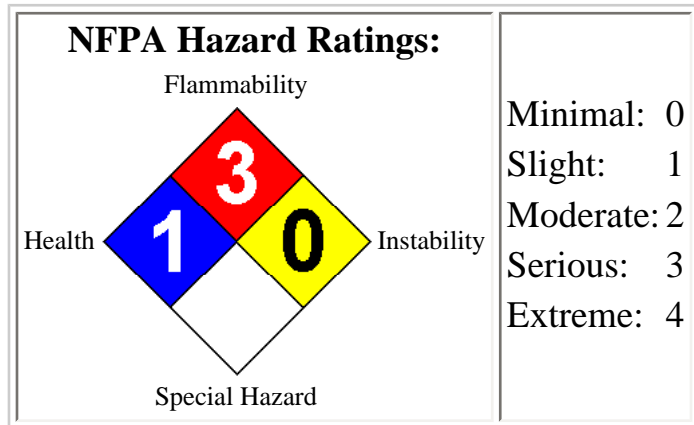
No data available.

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

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.
