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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 FLYSECT WATER-BASED REPELLENT SPRAY

Product Code: 21165-34-270, **Reference #:** 11901**Product Name:** FLYSECT WATER-BASED REPELLENT SPRAY**Manufacturer Name and
Address:****Telephone
Numbers:****Dates:**

Distributed by:

CHEMTREC

(800)424-9300

Date Created:
02/07/1996

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 FLYSECT WATER-BASED REPELLENT SPRAY

	Hazardous Components (Chemical Name)	CAS #	Concentration
1.	Permethrin {Cyclopropanecarboxylic acid, 3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid}	52645-53-1	0.15 %
2.	Pyrethrins and Pyrethroids {Cinerin I or II; Pyrethrum}	8003-34-7	0.075 %
3.	Piperonyl butoxide {2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether}	51-03-6	0.75 %

OSHA PEL**ACGIH TLV**

1.	No data.	No data.
2.	No data.	No data.
3.	No data.	No data.

SECTION 3. Hazards Identification

FLYSECT WATER-BASED REPELLENT SPRAY

Emergency Overview

No data available.

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

Potential Health Effects (Acute and Chronic)

No data available.

Carcinogenicity: NTP? No , IARC Monographs? No , OSHA Regulated? No

Carcinogenicity/Other Information

No data available.

Recommended Exposure Limits

Permethrin, 8 hr TWA, 2.6 mg/m³

LD 50 / LC 50

LD50 rats=2,312 gm/kg(males)

Signs and Symptoms Of Exposure

The following information is based on the data* collected on the concentrate used for preparing this product. Safety profile of this product is expected to be better than the concentrate.

Oral LD 50 in rats = 2.312 gm/kg (males)

Oral LD 50 in rats = 2.133 gm/kg (females)

Dermal LD 50 in rabbits = 2.000 g/kg

Skin irritation in rabbits = mild irritation

Eye irritation in rabbits = minimal irritant

Acute inhalation in rats = >5 mg/liter

*Data provided by vendor

Medical Conditions Generally Aggravated By Exposure

None known

SECTION 4. First Aid Measures

FLYSECT WATER-BASED REPELLENT SPRAY

Emergency and First Aid Procedures

IF INGESTED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting in an unconscious person.

IF ON SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

IF INHALED: Remove to fresh air. If cough or respiratory symptoms develop, get immediate medical

attention.

Note to Physician

No data available.

SECTION 5. Fire Fighting Measures
FLYSECT WATER-BASED REPELLENT SPRAY

Flash Pt: N.A. **Method Used:** No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: N.A. **Extinguishing Media**

Foam, carbon dioxide, and dry chemical

Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear. Do not allow run-off to enter waterways inhabited by aquatic organisms.

Flammable Properties and Hazards

None known

Hazardous Combustion Products

No data available.

SECTION 6. Accidental Release Measures
FLYSECT WATER-BASED REPELLENT SPRAY

Steps To Be Taken In Case Material Is Released Or Spilled

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways inhabited by aquatic organisms.

SECTION 7. Handling and Storage
FLYSECT WATER-BASED REPELLENT SPRAY

Hazard Label Information:

None known

Mechanical shock. Store away from incompatible material

Precautions To Be Taken in Handling

Do not use/store near heat/open flame

Precautions To Be Taken in Storing

No data available.

Other Precautions

No data available.

SECTION 8. Exposure Controls/Personal Protection FLYSECT WATER-BASED REPELLENT SPRAY

Respiratory Equipment (Specify Type)

Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use a NIOSH/MSHA approved respirator.

Eye Protection

Goggles

Protective Gloves

Impervious gloves should be used if prolonged or excessive skin exposure is expected.

Other Protective Clothing

Clothes to prevent skin contact

Engineering Controls (Ventilation etc.)

Good general ventilation should be sufficient to control airborne levels.

Work/Hygienic/Maintenance Practices

Eye wash stations should be available. Wash hands before eating, smoking, or using restroom.

SECTION 9. Physical and Chemical Properties FLYSECT WATER-BASED REPELLENT SPRAY

Physical States:	<input type="checkbox"/> Gas , <input checked="" type="checkbox"/> Liquid , <input type="checkbox"/> Solid
Boiling Point:	N.A.
Melting Point:	N.A.
Specific Gravity (Water = 1):	1.02
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: N.A.
Saturated Vapor Concentration: No data.
Viscosity: No data.
pH: No data.

Appearance and Odor

Transparent to slightly milky, with a slight odor.

SECTION 10. Stability and Reactivity
FLYSECT WATER-BASED REPELLENT SPRAY

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

None known

Incompatibility - Materials To Avoid

Strong oxidizing agents

Hazardous Decomposition Or Byproducts

Carbon monoxide, carbon dioxide, chlorine, & hydrogen chloride.

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

Conditions To Avoid - Hazardous Polymerization

Product will not undergo polymerization.

SECTION 11. Toxicological Information
FLYSECT WATER-BASED REPELLENT SPRAY

No data available.

SECTION 12. Ecological Information
FLYSECT WATER-BASED REPELLENT SPRAY

No data available.

SECTION 13. Disposal Considerations

FLYSECT WATER-BASED REPELLENT SPRAY

Waste Disposal Method

Entire contents and rinsate must be used according to label directions. Triple-rinsed containers may be placed in trash. Unused product must be delivered to an EPA approved hazardous waste management facility.

SECTION 14. Transport Information FLYSECT WATER-BASED REPELLENT SPRAY

DOT Proper Shipping Name

No data available.

DOT Hazard Label: None

UN/NA Number: No dat

Additional Transport Information

No data available.

SECTION 15. Regulatory Information FLYSECT WATER-BASED REPELLENT SPRAY

No data available.

SECTION 16. Other Information FLYSECT WATER-BASED REPELLENT SPRAY

Supersedes Revision 04/14/2004

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.
