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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 REPELLENT SPRAY

Product Code: 68688-30-270, **Reference #:** 11001**Product Name:** FLYSECT REPELLENT SPRAY **Chemical Family:** Pyrethroid, Benzodioxole, Dicarboximide**Manufacturer Name and Address:****Telephone Numbers:****Dates:**

Distributed by:

CHEMTREC

(800)424-9300

Date Created:
12/14/1995

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 REPELLENT SPRAY

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}	67-63-0	1.0 -97.0 %
2. Pyrethrins and Pyrethroids {Cinerin I or II; Pyrethrum}	8003-34-7	0.1 %
3. Piperonyl butoxide {2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether}	51-03-6	1.0 %
4. N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	0.5 %
5. Dipropyl isocinchomeronate {2,5-pyridinedicarboxylic acid, dipropyl ester}	136-45-8	0.5 %

OSHA PEL**ACGIH TLV**

1.	980mg/m3	No data.
2.	5 mg/m3	No data.
3.	No data.	No data.

- | | | |
|----|----------|----------|
| 4. | No data. | No data. |
| 5. | No data. | No data. |
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SECTION 3. Hazards Identification FLYSECT 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)

Causes skin and eye irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed or inhaled. Keep out of eyes. Avoid contamination of food. Wash hands with soap and water after using.

ANIMALS: Avoid treatment of foals, nursing kittens and puppies under 6 weeks old. If treatment is necessary, spray on tips of fingers and rub coat.

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

Carcinogenicity/Other Information

Oral LD50 (rat): >5,000 mg/kg (highest dose level tested)

Dermal LD50 (rabbit): >2,000 mg/kg (highest dose level tested)

Inhalation LD50 (rat): >5.63 mg/L (highest dose level tested)

Tox Information:

Skin irritation: Mild irritant

Eye irritation: Mild irritant due to isopropyl vapors.

Sensitizer: Possible sensitizer in certain individuals

Recommended Exposure Limits

Pyrethrins = 5 mg/m³

Signs and Symptoms Of Exposure

Causes irritation including irritation to the nose, throat and respiratory tract. Also causes a burning sensation of the mouth and throat, gastric up-set, vomiting may occur, typical alcohol intoxication.

Medical Conditions Generally Aggravated By Exposure

No data available.

SECTION 4. First Aid Measures FLYSECT REPELLENT SPRAY

Emergency and First Aid Procedures

IF IN EYES: Immediately flush eyes with plenty of water and get medical attention.

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. Possible sensitizer in certain individuals.

IF INGESTED: Call a physician or Poison Control Center. Drink a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Avoid alcohol.

IF INHALED: Remove to fresh air. Consult a physician.

Note to Physician: Treat symptomatically, observe for allergic reaction. Irregular heartbeat may occur; use of adrenaline is not advised. Gastric lavage only if large quantities have been ingested.

Note to Physician

No data available.

SECTION 5. Fire Fighting Measures FLYSECT REPELLENT SPRAY

Flash Pt: 66.00 F **Method Used:** Closed Cup

Explosive Limits: LEL: 2% UEL: N/A

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

Dry chemical and foam. Carbon dioxide and water spray may be ineffective.

Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear.

Flammable Properties and Hazards

None known

Hazardous Combustion Products

No data available.

SECTION 6. Accidental Release Measures FLYSECT REPELLENT SPRAY

Steps To Be Taken In Case Material Is Released Or Spilled

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

SECTION 7. Handling and Storage

FLYSECT REPELLENT SPRAY

Hazard Label Information:

Use with adequate ventilation.

Lab coat and apron Causes skin irritation.

Precautions To Be Taken in Handling

Do not apply to painted or finished wood surfaces. This product is toxic to fish. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not use or store near heat or open flame.

Precautions To Be Taken in Storing

No data available.

Other Precautions

Causes substantial but temporary eye injury. May cause allergic reactions to some individuals. Avoid contact with eyes or mucous membranes. Avoid treatment of nursing puppies, kittens or foals under 6 weeks of age. If treatment is necessary, spray on tips of fingers and rub on coat. Do not use on animals intended for food. Do not use this, or any pesticide, on sick, old or debilitated pets.

SECTION 8. Exposure Controls/Personal Protection

FLYSECT REPELLENT SPRAY

Respiratory Equipment (Specify Type)

If excessive exposure is anticipated: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Eye Protection

Goggles, face shield, safety glasses

Protective Gloves

Rubber or neoprene gloves.

Other Protective Clothing

Clothes to prevent skin contact.

Engineering Controls (Ventilation etc.)

Use with adequate ventilation.

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 REPELLENT SPRAY

Physical States:	<input type="checkbox"/> Gas , <input checked="" type="checkbox"/> Liquid , <input type="checkbox"/> Solid
Boiling Point:	82.00 C
Melting Point:	N.A.
Specific Gravity (Water = 1):	.804
Density:	No data.
Vapor Pressure (vs. Air or mm Hg):	>32
Vapor Density (vs. Air = 1):	N.A.
Evaporation Rate (vs Butyl Acetate=1):	2.06
Solubility in Water:	98%
Percent Volatile:	92.0 % by volume.
Saturated Vapor Concentration:	No data.
Viscosity:	No data.
pH:	Not known
Appearance and Odor	
Yellow color liquid with Isopropyl alcohol odor.	

SECTION 10. Stability and Reactivity FLYSECT REPELLENT SPRAY

Stability: Unstable Stable

Conditions To Avoid - Instability

None known

Incompatibility - Materials To Avoid

None known

Hazardous Decomposition Or Byproducts

Carbon dioxide, nitrogen oxides, sulfuric oxides and various aldehydes and ketones.

Hazardous Polymerization: Will occur Will not occur

Conditions To Avoid - Hazardous Polymerization

Product will not undergo polymerization.

SECTION 11. Toxicological Information FLYSECT REPELLENT SPRAY

No data available.

SECTION 12. Ecological Information FLYSECT REPELLENT SPRAY

No data available.

SECTION 13. Disposal Considerations FLYSECT 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. Dispose of according to local, State, and Federal regulations.

SECTION 14. Transport Information FLYSECT REPELLENT SPRAY

DOT Proper Shipping Name

No data available.

DOT Hazard Class: ORM-D

DOT Hazard Label: None

UN/NA Number: No dat

Additional Transport Information

No data available.

SECTION 15. Regulatory Information FLYSECT REPELLENT SPRAY

No data available.

SECTION 16. Other Information

FLYSECT REPELLENT SPRAY

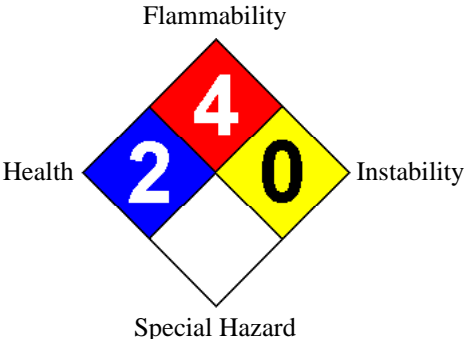
Supersedes Revision 04/14/2004

Freight Classification: Insecticides other than poison NMFC 102120, Cl. 60

Reportable Quantity: Pyrethrins = 1 lb. or 100 gallons of product.

RCRA Regulated due to ignitability.

DOT49CFR: Ethanol solutions, 3 UN1170 PG II

NFPA Hazard Ratings:	
 <p>Flammability: 4 Health: 2 Instability: 0 Special Hazard: </p>	<p>Minimal: 0 Slight: 1 Moderate: 2 Serious: 3 Extreme: 4</p>

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.