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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 SUPER-7 REPELLENT SPRAY

Product Code: 68688-22-270**Product Name:** FLYSECT SUPER-7 REPELLENT SPRAY**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

Additional Identity Information

32-OZ w/sprayer: 10601, 32-oz refill: 10602, 1-gal refill: 10603

SECTION 2. Composition/Information on Ingredients FLYSECT SUPER-7 REPELLENT SPRAY

	Hazardous Components (Chemical Name)	CAS #	Concentration
1.	Permethrin {Cyclopropanecarboxylic acid, 3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid}	52645-53-1	0.2 %
2.	Pyrethrins and Pyrethroids {Cinerin I or II; Pyrethrum}	8003-34-7	0.2 %
3.	Piperonyl butoxide {2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether}	51-03-6	0.5 %
4.	N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	2.0 %
5.	Dipropyl isocinchomerate {2,5-pyridinedicarboxylic acid, dipropyl ester}	136-45-8	1.0 %
6.	BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	5.0 %

OSHA PEL**ACGIH TLV**

1.	No data.	No data.
2.	No data.	No data.
3.	No data.	No data.
4.	No data.	No data.
5.	No data.	No data.
6.	No data.	No data.

SECTION 3. Hazards Identification

FLYSECT SUPER-7 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? N.A. , IARC Monographs? N.A. , OSHA Regulated? N.A.

Carcinogenicity/Other Information

A 2-year bioassay of technical Piperonyl Butoxide for possible carcinogenicity was conducted by administering dietary levels of 5,000 and 10,000 ppm to rats and mice. In the female rats, lymphomas occurred at incidences that were dose related. In the male mice, adenomas of the lacrimal gland occurred at incidences that were dose related but were not significantly higher than that in the control group. Thus, the occurrence of this tumor in the male mice was not clearly related to the administration of Piperonyl Butoxide.

Recommended Exposure Limits

Pyrethrins=5 mg/m³ Iso alcohol=400ppm

LD 50 / LC 50

LD50(rat):5.3g/kg (rabbit):>2.0g/kg

Signs and Symptoms Of Exposure

Symptoms associated with allergies, hayfever, i.e., itchy, runny eyes, stuffy/runny nose, chest discomfort, possible hives. In addition, alcohol may cause ataxia and dizziness.

Medical Conditions Generally Aggravated By Exposure

No data available.

SECTION 4. First Aid Measures

FLYSECT SUPER-7 REPELLENT SPRAY

Emergency and First Aid Procedures

IF IN EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

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 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. Never give anything by mouth to an unconscious person. Avoid Alcohol.

IF INHALED: Remove to fresh air. Consult a physician in cases of breathing difficulty.

Note to Physician

No data available.

SECTION 5. Fire Fighting Measures FLYSECT SUPER-7 REPELLENT SPRAY

Flash Pt: 65.00 F **Method Used:** No data.

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

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

Flammable Liquid. Isopropanol Can release vapors that form explosive mixtures at temperatures at or above the flashpoint.

Hazardous Combustion Products

No data available.

SECTION 6. Accidental Release Measures FLYSECT SUPER-7 REPELLENT SPRAY

Steps To Be Taken In Case Material Is Released Or Spilled

Absorb spill with inert material (e.g. dry sand, clay granules, sawdust, or earth), then place in a chemical waste container.

SECTION 7. Handling and Storage

FLYSECT SUPER-7 REPELLENT SPRAY

Hazard Label Information:

Causes skin irritation. Use chemical splash goggles and face
Mechanical shock.

Precautions To Be Taken in Handling

Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply to painted or finished wood surfaces.

Precautions To Be Taken in Storing

No data available.

Other Precautions

Do not get in eyes, on skin or on clothing. Avoid breathing vapors. Causes substantial but temporary eye injury. Avoid contact with eyes or mucous membranes. Avoid treatment of nursing puppies and foals under 6 weeks of age unless prescribed by a veterinarian.

SECTION 8. Exposure Controls/Personal Protection

FLYSECT SUPER-7 REPELLENT SPRAY

Respiratory Equipment (Specify Type)

Use only with adequate ventilation.

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 only 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 SUPER-7 REPELLENT SPRAY

Physical States:	<input type="checkbox"/> Gas , <input checked="" type="checkbox"/> Liquid , <input type="checkbox"/> Solid
Boiling Point:	180.00 F
Melting Point:	N.A.
Specific Gravity (Water = 1):	.8093N.A.
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):	1.26
Solubility in Water:	80%
Percent Volatile:	N.A.
Saturated Vapor Concentration:	No data.
Viscosity:	No data.
pH:	6.7
Appearance and Odor	
Yellow liquid with slight alcohol odor and perfume added.	

SECTION 10. Stability and Reactivity
FLYSECT SUPER-7 REPELLENT SPRAY

Stability: Unstable Stable

Conditions To Avoid - Instability

None known

Incompatibility - Materials To Avoid

None known

Hazardous Decomposition Or Byproducts

In fire conditions, CO, CO₂, and NO_x gases may be produced. Sulfur oxides, various aldehydes and ketones may also be byproducts of decomposition.

Hazardous Polymerization: Will occur Will not occur

Conditions To Avoid - Hazardous Polymerization

Product will not undergo polymerization.

SECTION 11. Toxicological Information
FLYSECT SUPER-7 REPELLENT SPRAY

No data available.

SECTION 12. Ecological Information FLYSECT SUPER-7 REPELLENT SPRAY

No data available.

SECTION 13. Disposal Considerations FLYSECT SUPER-7 REPELLENT SPRAY

Waste Disposal Method

Dispose of according to local, State, and Federal regulations.

SECTION 14. Transport Information FLYSECT SUPER-7 REPELLENT SPRAY

DOT Proper Shipping Name

No data available.

DOT Hazard Label: Quart: ORM-D; Gallon; UN-1993(Isopropanol) Class 3 Flam Liquid

UN/NA Number: No dat

Additional Transport Information

No data available.

SECTION 15. Regulatory Information FLYSECT SUPER-7 REPELLENT SPRAY

No data available.

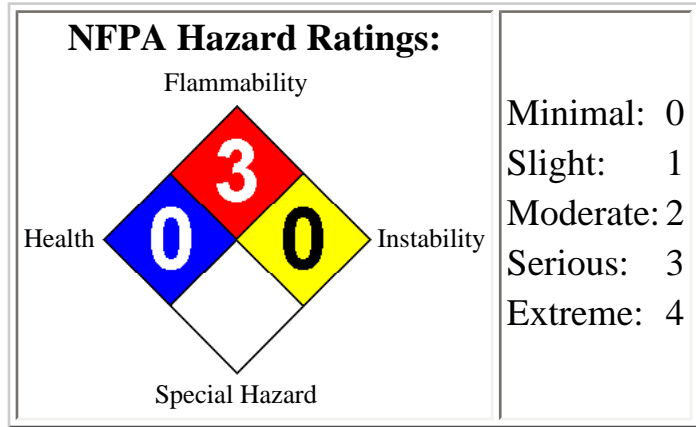
SECTION 16. Other Information FLYSECT SUPER-7 REPELLENT SPRAY

Supersedes Revision 10/05/2005

DOT Information:

Quarts, Consumer Commodity ORM-D

Gallons, UN-1993 (Isopropanol), Class 3 Flammable Liquid, Pkg Group II



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.
