

[Return to MSDS List](#) , [Previous MSDS](#) , [Next MSDS](#)

M A T E R I A L S A F E T Y D A T A S H E E T

Generated 05/19/2010, Revision 05/19/2010, Supersedes Revision 05/31/2007, Date Created 12/14/1995

SECTION 1. Product and Company Identification FLYSECT SUPER-7 REPELLENT SPRAY

Product Code: 68688-22-270
Product Name: FLYSECT SUPER-7 REPELLENT SPRAY
Manufacturer Information
Company Name: Distributed by:
 Farnam Companies, Inc.
 301 West Osborn Road
 Phoenix, AZ
Emergency Contact: CHEMTREC (800)424-9300
Alternate Emergency Contact: District of Columbia (202)483-0414
Information: Farnam Companies, Inc. (800)234-2269

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	OSHA PEL	ACGIH TLV
Permethrin	52645-53-1	0.2 %	No data.	No data.
Pyrethrins and Pyrethroids	8003-34-7	0.2 %	No data.	No data.
Piperonyl butoxide	51-03-6	0.5 %	No data.	No data.
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	2.0 %	No data.	No data.
Dipropyl isocinchomeronate	136-45-8	1.0 %	No data.	No data.
BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	5.0 %	No data.	No data.

SECTION 3. Hazards Identification FLYSECT SUPER-7 REPELLENT SPRAY

Emergency Overview

KEEP OUT OF REACH OF CHILDREN

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

Potential Health Effects (Acute and Chronic)

No data available.

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.

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.

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

Flash Pt: 65.00 F

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

Autoignition Pt: NA

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

None known

Extinguishing Media

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

Unsuitable Extinguishing Media

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:

Keep away from heat or open flame Toxic to fish Do not contaminate water. Do not use/store near heat/open flame

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

Store in a cool, dry area. Do not contaminate water, food or feed by storage or disposal.

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

Protective Equipment Summary - Hazard Label Information:

Goggles, face shield, safety glasses Rubber or neoprene gloves

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
Melting Point:	NA		
Boiling Point:	180.00 F		
Autoignition Pt:	NA		
Flash Pt:	65.00 F		
Explosive Limits:	LEL: No data.	UEL: No data.	
Specific Gravity (Water = 1):	.8093N.A.		
Density:	NA		
Bulk density:	NA		
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:	NA
Viscosity:	NA
Heat Value:	NA
Particle Size:	NA
Corrosion Rate:	NA
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
--

Not available

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.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
Permethrin	52645-53-1	n.a.	n.a.	n.a.	n.a.
Pyrethrins and Pyrethroids	8003-34-7	n.a.	n.a.	A4	n.a.
Piperonyl butoxide	51-03-6	n.a.	n.a.	n.a.	n.a.

N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	113-48-4	n.a.	n.a.	n.a.	n.a.
Dipropyl isocinchomeronate	136-45-8	n.a.	n.a.	n.a.	n.a.
BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	n.a.	n.a.	n.a.	n.a.

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

SECTION 12. Ecological Information
FLYSECT SUPER-7 REPELLENT SPRAY

Not 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

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Quart: ORM-D; Gallon; UN-1993(Isopropanol) Class 3 Flam Liquid

SECTION 15. Regulatory Information
FLYSECT SUPER-7 REPELLENT SPRAY

No data available.

SECTION 16. Other Information
FLYSECT SUPER-7 REPELLENT SPRAY


DOT Information:

Quarts, Consumer Commodity ORM-D

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

Company Policy or Disclaimer

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.

	<p>Minimal: 0 Slight: 1 Moderate: 2 Serious: 3 Extreme: 4</p>	<p>Generated 05/19/2010 Revision 05/19/2010 Supersedes Revision 05/31/2007 Date Created 12/14/1995</p>
---	---	--