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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 CITRONELLA SPRAY W/LANOLIN

**Product Code:** 270-302**Product Name:** FLYSECT CITRONELLA SPRAY W/LANOLIN **Intended Use:** PROTECT AGAINST FLIES**Manufacturer Name and Address:****Telephone Numbers:****Dates:**

Distributed by:

CHEMTREC

(800)424-9300

Date Created:  
02/12/2003

Farnam Companies, Inc.

District of Columbia (202)483-0414

Revision:  
05/31/2007

301 West Osborn Road

Farnam Companies, In (800)234-2269

Printed: 05/31/2007

Phoenix, AZ.

**Additional Identity Information**

32-oz 11301, 1-gal 11302

## SECTION 2. Composition/Information on Ingredients FLYSECT CITRONELLA SPRAY W/LANOLIN

Hazardous Components (Chemical Name)	CAS #	Concentration
1. ISOPARAFFINIC PETROLEUM SOLVENT	64742-47-8	70.0 -84.0 %
2. Piperonyl butoxide {2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether}	51-03-6	1.0 %
3. BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	15.0 %
4. Pyrethrins and Pyrethroids {Cinerin I or II; Pyrethrum}	8003-34-7	0.1 %

**OSHA PEL****ACGIH TLV**

1.	200 mg/m <sup>3</sup>	400 ppm
2.	No data.	No data.
3.	No data.	No data.

4. 5 mg/m<sup>3</sup>5 mg/m<sup>3</sup>

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## SECTION 3. Hazards Identification

### FLYSECT CITRONELLA SPRAY W/LANOLIN

#### Emergency Overview

No data available.

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

#### Potential Health Effects (Acute and Chronic)

**ACUTE:** INHALATION: Mildly irritating to the nose, throat and respiratory tract; naphtha can cause peripheral nervous system changes, if abused. **EYE:** Mildly irritating to the eyes from solvent vapors and in contact, can cause severe irritation if not removed promptly. **SKIN:** Mild irritation with the possibility of sensitization. **INGESTION:** Burning sensation of mouth and throat, gastric upset, vomiting may occur; large dose may cause narcosis and mental confusion, pulmonary edema may occur if aspirated. **Chronic:** INHALATION: Lung irritation and possibly systemic allergic reaction, pulmonary edema and peripheral nerve damage. **EYE:** Mild irritation from solvent vapors and in contact, can cause severe irritation if not removed promptly. **SKIN:** Prolonged and repeated contact may cause allergic reaction, defatting with subsequent infection and irritation. **INGESTION:** Not a likely route of chronic exposure.

**Carcinogenicity:** NTP? No , IARC Monographs? No , OSHA Regulated? N.A.

#### Carcinogenicity/Other Information

No data available.

#### Signs and Symptoms Of Exposure

Prolonged or repeated exposure can cause irritation and reddening of the skin, possibly progressing into dermatitis. Persons known to be sensitized to Pyrethrins should avoid contact.

#### Medical Conditions Generally Aggravated By Exposure

No data available.

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## SECTION 4. First Aid Measures

### FLYSECT CITRONELLA SPRAY W/LANOLIN

#### Emergency and First Aid Procedures

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**EYE:** Immediately flush eyes with plenty of water for at least 15 minutes, wash the entire eye by holding eye lids open. Get immediate medical attention.

**INGESTION:** Never give anything by mouth to an unconscious person. If > 2 oz. swallowed, do NOT induce vomiting. Give victim several glasses of water. Call a physician or poison control center immediately. For small volumes (less than 2 oz), wash out mouth and drink liquids; if vomiting occurs

spontaneously, keep airway open and SEEK MEDICAL ATTENTION. NOTE TO PHYSICIAN: Treat symptomatically, observe for allergic reactions; irregular heart beat may occur, use of adrenaline is not advised; gastric lavage only if large quantities have been ingested.

**Note to Physician**

No data available.

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**SECTION 5. Fire Fighting Measures  
FLYSECT CITRONELLA SPRAY W/LANOLIN**

**Flash Pt:** 164.00 F **Method Used:** Presence of Naphtha

**Explosive Limits:** LEL: Approx 2 UEL: N/A

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

Foam, carbon dioxide, water fog, and dry chemical

**Fire Fighting Instructions**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent. Containers can build up pressure if exposed to heat (fire). Use water spray to cool exposed containers.

**Flammable Properties and Hazards**

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

**Hazardous Combustion Products**

No data available.

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**SECTION 6. Accidental Release Measures  
FLYSECT CITRONELLA SPRAY W/LANOLIN**

**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.

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**SECTION 7. Handling and Storage  
FLYSECT CITRONELLA SPRAY W/LANOLIN**

**Hazard Label Information:**

Store away from incompatible substances. High temperatures.

Facilities storing or utilizing this

### **Precautions To Be Taken in Handling**

Store in original container.

### **Precautions To Be Taken in Storing**

No data available.

### **Other Precautions**

No data available.

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## **SECTION 8. Exposure Controls/Personal Protection FLYSECT CITRONELLA SPRAY W/LANOLIN**

### **Protective Equipment Summary - Hazard Label Information:**

Clothes to prevent skin contact

### **Respiratory Equipment (Specify Type)**

Respiratory protection not needed under conditions of normal use.

### **Eye Protection**

None needed under normal use conditions. Chemical goggles or face shield should be used when mist or spray may be uncontrolled.

### **Protective Gloves**

Impervious gloves may be used when handling this product.

### **Other Protective Clothing**

Standard work clothing; clothing and footwear that cannot be decontaminated by washing with soap and water should be discarded.

### **Engineering Controls (Ventilation etc.)**

Local exhaust 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.

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## **SECTION 9. Physical and Chemical Properties FLYSECT CITRONELLA SPRAY W/LANOLIN**

### **Physical States:**

Gas ,  Liquid ,  Solid

<b>Boiling Point:</b>	150.00 C to 290.00
<b>Melting Point:</b>	N.A.
<b>Specific Gravity (Water = 1):</b>	.808
<b>Density:</b>	No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	N.A.
<b>Vapor Density (vs. Air = 1):</b>	N.A.
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	N.A.
<b>Solubility in Water:</b>	N.A.
<b>Percent Volatile:</b>	80.0 % by volume.
<b>Saturated Vapor Concentration:</b>	No data.
<b>Viscosity:</b>	No data.
<b>pH:</b>	No data.
<b>Appearance and Odor</b>	
Yellow liquid with slight naphthenic odor.	

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## SECTION 10. Stability and Reactivity

### FLYSECT CITRONELLA SPRAY W/LANOLIN

**Stability:** Unstable [ ] Stable [ X ]

#### Conditions To Avoid - Instability

Keep away from heat and sources of ignition.

#### Incompatibility - Materials To Avoid

This product is not reactive.

#### Hazardous Decomposition Or Byproducts

Carbon monoxide, carbon dioxide

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

#### Conditions To Avoid - Hazardous Polymerization

Product will not undergo polymerization.

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## SECTION 11. Toxicological Information

### FLYSECT CITRONELLA SPRAY W/LANOLIN

No data available.

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## SECTION 12. Ecological Information

## FLYSECT CITRONELLA SPRAY W/LANOLIN

No data available.

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### SECTION 13. Disposal Considerations FLYSECT CITRONELLA SPRAY W/LANOLIN

#### Waste Disposal Method

Dispose of by use according to label instructions or absorbed material may be disposed of as general waste. Dispose of according to local, State, and Federal regulations.

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### SECTION 14. Transport Information FLYSECT CITRONELLA SPRAY W/LANOLIN

#### DOT Proper Shipping Name

No data available.

**DOT Hazard Label:** None

**UN/NA Number:** No dat

#### Additional Transport Information

No data available.

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### SECTION 15. Regulatory Information FLYSECT CITRONELLA SPRAY W/LANOLIN

No data available.

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### SECTION 16. Other Information FLYSECT CITRONELLA SPRAY W/LANOLIN

**Supersedes Revision** 04/14/2004

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