

# MATERIAL SAFETY DATA SHEET

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## SECTION 1. Product and Company Identification FLYSECT CITRONELLA SPRAY W/LANOLIN

**Product Code:** 270-302  
**Product Name:** FLYSECT CITRONELLA SPRAY W/LANOLIN

### 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

**Intended Use:** PROTECT AGAINST FLIES

### 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	OSHA PEL	ACGIH TLV
ISOPARAFFINIC PETROLEUM SOLVENT	64742-47-8	70.0 -84.0 %	200 mg/m3	400 ppm
Piperonyl butoxide	51-03-6	1.0 %	No data.	No data.
BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	15.0 %	No data.	No data.
Pyrethrins and Pyrethroids	8003-34-7	0.1 %	5 mg/m3	5 mg/m3

## SECTION 3. Hazards Identification FLYSECT CITRONELLA SPRAY W/LANOLIN

### 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)

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.

### **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.

## **SECTION 4. First Aid Measures** **FLYSECT CITRONELLA SPRAY W/LANOLIN**

### **Emergency and First Aid Procedures**

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

### **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.

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

**Flash Pt:** 164.00 F Method Used: Unknown

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

**Autoignition Pt:** N.A.

### **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**

None known

## **Extinguishing Media**

Foam, carbon dioxide, water fog, and dry chemical

## **Unsuitable Extinguishing Media**

None known

## **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.

## **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**

Do not use or store near heat or open flame.

## **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.

## **SECTION 9. Physical and Chemical Properties**

## FLYSECT CITRONELLA SPRAY W/LANOLIN

**Physical States:**  Gas  Liquid  Solid  
**Melting Point:** N.A.  
**Boiling Point:** 150.00 C  
**Autoignition Pt:** N.A.  
**Flash Pt:** 164.00 F Method Used: Unknown  
**Explosive Limits:** LEL: Approx 2 UEL: N/A  
**Specific Gravity (Water = 1):** .808  
**Bulk 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:** N.A.  
**Solubility Notes**  
< 20%  
**Percent Volatile:** 80.0 % by volume.  
**Heat Value:** No data.  
**Particle Size:** No data.  
**Corrosion Rate:** No data.  
**pH:** No data.  
**Appearance and Odor**  
Yellow liquid with slight naphthenic odor.

## SECTION 10. Stability and Reactivity FLYSECT CITRONELLA SPRAY W/LANOLIN

**Stability:** Unstable  Stable   
**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   
**Conditions To Avoid - Hazardous Polymerization**  
Product will not undergo polymerization.

## SECTION 11. Toxicological Information FLYSECT CITRONELLA SPRAY W/LANOLIN

No data available

**Chronic Toxicological Effects**

No data available

**Carcinogenicity/Other Information**

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
ISOPARAFFINIC PETROLEUM SOLVENT	64742-47-8	n.a.	n.a.	A4	n.a.
Piperonyl butoxide	51-03-6	n.a.	n.a.	n.a.	n.a.
BUTOXY POLYPROPYLENE GLYCOL	9003-13-8	n.a.	n.a.	n.a.	n.a.
Pyrethrins and Pyrethroids	8003-34-7	n.a.	n.a.	A4	n.a.

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

**SECTION 12. Ecological Information**  
**FLYSECT CITRONELLA SPRAY W/LANOLIN**

This product is toxic to fish. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

**Waste Disposal Method**

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

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

**LAND TRANSPORT (US DOT)**

**DOT Proper Shipping Name** No data available.

**DOT Hazard Label:** None

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

No data available.

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

**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.

