

This Safety Data Sheet has been prepared to comply with the US OSHA Hazcom 2012 Standard.

**SECTION 1: IDENTIFICATION**

**Product Identifier:**

**Trade Name:** Adult Fly RTU  
**SDS Date of Preparation:** May 19, 2021; revised August 23, 2021

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Fly control in animal facilities  
**Recommended use:** None known

**Details of the Supplier of the Safety Data Sheet:**

**Manufacturer:** Pertinent Animal Health, Inc.  
1062 Bluffhaven Way NE  
Brookhaven, GA 30319  
**Information Phone Number:** (404) 661-8856

**Emergency Telephone Number:**

**Emergency Spill Information:** INFOTRAC: 1-800-535-5053 (North America)  
1-352-323-3500 (International)

**SECTION 2: HAZARDS IDENTIFICATION**

**GHS Classification:**

<b>Physical</b>	<b>Health</b>	<b>Environment</b>
Not Classified	Eye Irritant Category 2 (H319) Skin Sensitization Category 1 (H317)	Not Classified

**Label Elements:**

**Warning**



**Environment**

**Hazard Phrases**

May cause an allergic skin reaction.  
Causes serious eye irritation.

**Precautionary Phrases**

Avoid breathing mists or vapors.  
Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves and eye protection.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical attention.

If on skin: Wash with plenty of water.

If skin irritation or rash occurs: Get medical attention.

Wash contaminated clothing before reuse.

Dispose of contents and container in accordance with local and national regulations.

**Other Hazards:** None known.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Isopropyl alcohol	67-63-0	1-5
Geraniol	106-24-1	<1

The specific identity and/or exact percentage of composition have been withheld as a trade secret.

### SECTION 4: FIRST-AID MEASURES

#### Description of First Aid Measures:

**Eye:** Flush eyes thoroughly with water for several minutes, while holding the eyelids apart. Remove contact lenses if easy to do so and continue flushing for several more minutes. Get medical attention if irritation persists.

**Skin:** Flush skin thoroughly with water for several minutes. Get medical attention if irritation or rash occurs. Remove and launder contaminated clothing before re-use.

**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms develop.

**Most important symptoms and effects, both acute and delayed:** May cause moderate eye irritation. May cause skin sensitization. Inhalation of mists or vapors may cause respiratory tract irritation.

**Indication of any immediate medical attention and special treatment needed:** Immediate medical attention is not required.

### SECTION 5: FIRE-FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use any media that is appropriate for the surrounding fire.

**Special Hazards Arising from the Chemical:** This product is not classified as flammable or combustible. Under fire conditions, this product may produce oxides of carbon and other irritating compounds.

**Special Equipment and Precautions for Fire-Fighters:** Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with eyes, skin or clothing. Wear appropriate protective clothing to prevent eye and skin contact including impervious gloves, safety goggles and respirator if needed. Avoid breathing mists or vapors. Ventilate area.

#### Methods and Material for Containment and Cleaning Up:

Cover with an inert absorbent material and collect into an appropriate container for disposal. Report spills and releases as required to appropriate authorities.

### SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid breathing vapors, aerosols and mists. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Always wear impervious gloves, chemical safety goggles and protective clothing when handling this material. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep product away from heat and flames. Keep containers closed when not in use.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a container in a cool, dry, well-ventilated location away from oxidizers and incompatible materials. Keep container tightly closed when not in use.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Isopropyl alcohol	200 ppm TWA, 400 ppm STEL ACGIH TLV 400 ppm TWA OSHA PEL
Geraniol	None Established

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to minimize exposures levels.

**Personal Protective Equipment:**

**Respiratory Protection:** In operations where exposure levels are excessive, an approved respirator with dust/mist cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Skin Protection:** Impervious gloves are recommended to prevent skin contact. Contact your glove supplier for selection assistance.

**Eye Protection:** Chemical safety goggles should be worn to prevent eye contact.

**Other Protective Equipment:** Impervious clothing is required to prevent skin contact and contamination of personal clothing. An eye wash facility and safety shower should be available in the work area.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colorless liquid

**Odor:** Slight alcoholic odor

**Odor Threshold:** Not established

**pH:** No data available

**Melting Point/Freezing Point:** 0°C (32°F) (approximate)

**Boiling Point/Range:** 100°C (212°F) (approximate)

**Flash Point:** No data available

**Evaporation Rate:** Not available

**Flammability (solid, gas):** Not applicable

**Vapor Pressure:** Not available

**Vapor Density (air = 1):** Not available

**Relative Density:** No data available

**Solubility(ies):** Soluble in water.

**Partition coefficient: n-octanol/water:** No data available

**Auto-ignition Temperature:** Not available

**Decomposition Temperature:** Not available

**Viscosity:** Not available

**Flammable Limits: LEL:** Not available, **UEL:** Not available

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** Not reactive

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Keep away from heat and open flames.

**Incompatible Materials:** Oxidizing agents, bases, and acids.

**Hazardous Decomposition Products:** Thermal decomposition will produce oxides of carbon and other irritating compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION****Potential Health Effects:**

**Eye:** May cause moderate eye irritation and burns with pain, tearing, and redness.

**Skin:** Prolonged or repeated exposure may cause skin irritation and dryness. May cause an allergic skin reaction (sensitization).

**Inhalation:** Inhalation of mists or vapors may cause nose and upper respiratory tract irritation.

**Ingestion:** Swallowing may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

**Chronic Hazards:** None known.

**Carcinogenicity:** None of the components of this product are listed as carcinogens by OSHA, IARC, and NTP.

**Acute Toxicity Values:**

Isopropyl alcohol: Oral rat LD50- 5840 mg/kg, Skin rabbit LD50- 16400 mg/kg, Inhalation rat LC50- 72.6 mg/L/4hr

Geraniol: Oral rat LD50- 3600 mg/kg, Skin rabbit LD50- >5000 mg/kg

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity:**

Isopropyl alcohol: 96 hr LC50 Fathead minnow (flow through)-9640 mg/L, 48 hr EC50 Daphnia magna- 13299 mg/L

Geraniol: 96 hr LC50 Danio rerio- 22 mg/L, 48 hr EC50 Daphnia magna- 10.8 mg/L, 72 hr EC50 Desmodesmus subspicatus- 13.1 mg/L.

**Persistence and Degradability:** Isopropyl alcohol and Geraniol are readily biodegradable.

**Bioaccumulative Potential:** No data available

**Mobility in Soil:** No data available

**Other Adverse Effects:** None known

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORTATION INFORMATION**

	<b>UN Number</b>	<b>UN Proper Shipping Name</b>	<b>Hazard Class(s)</b>	<b>Packing Group</b>	<b>Environmental Hazards</b>
<b>US DOT</b>	None	Not regulated	None	None	Not applicable
<b>IMDG</b>	None	Not regulated	None	None	Not applicable
<b>IATA/ICAO</b>	None	Not regulated	None	None	Not applicable

**Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code:** Not applicable

**Special Precautions for User:** Not applicable

**SECTION 15: REGULATORY INFORMATION****U.S. FEDERAL REGULATIONS:**

**CERCLA 103 Reportable Quantity:** This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA TITLE III:**

**Hazard Category for Section 311/312:** See OSHA Hazard Classification in Section 2.

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

**Section 302 Extremely Hazardous Substances (TPQ):** None

**EPA Toxic Substances Control Act (TSCA) Status:** All of the ingredients of this product are listed on the TSCA inventory or exempt.

**SECTION 16: OTHER INFORMATION**

**Date of Current Revision:** May 19, 2021

**Revision Summary:** New SDS

**Date of Previous Revision:** N/A

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Pertinent Animal Health, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.