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
FLY RELIEF ATTRACTANT

Product Code: F-FLY RELIEF
Product Name: FLY RELIEF ATTRACTANT

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
Fly Relief: 13548, Giant Fly Relief: 13612

SECTION 2. Composition/Information on Ingredients
FLY RELIEF ATTRACTANT

<table>
<thead>
<tr>
<th>Hazardous Components (Chemical Name)</th>
<th>CAS #</th>
<th>Concentration</th>
<th>OSHA PEL</th>
<th>ACGIH TWA</th>
<th>ACGIH STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>35.0 -40.0 %</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>1.0 -2.0 %</td>
<td>400 ppm</td>
<td>200 ppm</td>
<td>400 ppm</td>
</tr>
</tbody>
</table>

SECTION 3. Hazards Identification
FLY RELIEF ATTRACTANT

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)
None known

Recommended Exposure Limits
Rats: >5000 mg/kg

Signs and Symptoms Of Exposure
Eye irritation, mucous membrane and upper respiratory tract irritation. Breathing vapors may cause drowsiness.

SECTION 4. First Aid Measures
FLY RELIEF ATTRACTANT

Emergency and First Aid Procedures
IF SWALLOWED: Do NOT induce vomiting. Drink two glasses of water and contact physician or Poison Control.
Center. Never give fluids or induce vomiting if patient is unconscious or having convulsions.
IF INHALED: Remove to fresh air, administer artificial respiration if required. Obtain medical attention.
IF IN EYES: Flush eyes with water for 15 minutes; obtain medical attention.
IF ON SKIN: Wash with soap and water; obtain medical attention if irritation persists.

SECTION 5. Fire Fighting Measures
FLY RELIEF ATTRACTANT

<table>
<thead>
<tr>
<th>Flammability Classification:</th>
<th>Flammable Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Pt:</td>
<td>66.00 F</td>
</tr>
<tr>
<td>Method Used:</td>
<td>Pensky-Marten Closed Cup</td>
</tr>
<tr>
<td>Explosive Limits:</td>
<td>LEL: 3% UEL: 19%</td>
</tr>
</tbody>
</table>

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
Flames (from alcohol carrier) may be difficult to see because they are virtually colorless.

Hazardous Combustion Products
None known

Extinguishing Media
CO2, water, foam, or dry chemical

Unsuitable Extinguishing Media
None known

SECTION 6. Accidental Release Measures
FLY RELIEF ATTRACTANT

Steps To Be Taken In Case Material Is Released Or Spilled
Ventilate area and eliminate all ignition sources. Large spills: dike and remove into drums. Small spills: wipe or cover with absorbent and remove to container. Wash contaminated area with soap and water followed by an alcohol rinse, taking care to mop up all rinsate (do not spread). CAUTION: Alcohol is flammable.

SECTION 7. Handling and Storage
FLY RELIEF ATTRACTANT

Precautions To Be Taken in Handling
Keep away from heat, sparks, and open flame. Avoid skin and eye contact. Avoid inhalation of vapors.

Precautions To Be Taken in Storing
Store in a cool, dry location away from food or feed.

Other Precautions
KEEP OUT OF REACH OF CHILDREN

SECTION 8. Exposure Controls/Personal Protection
FLY RELIEF ATTRACTANT

Respiratory Equipment (Specify Type)
OSHA/MSHA approved respirator

Eye Protection
Chemical goggles
**Protective Gloves**
Latex, PVC, or neoprene

**Other Protective Clothing**
Rubber boots, apron if exposure is likely

**Engineering Controls (Ventilation etc.)**
Local exhaust is sufficient.

**Work/Hygienic/Maintenance Practices**
Wash hands before eating, drinking, smoking, or using restroom.

## SECTION 9. Physical and Chemical Properties

**FLY RELIEF ATTRACTANT**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical States</td>
<td>[ ] Gas</td>
</tr>
<tr>
<td>[ X ] Liquid</td>
<td></td>
</tr>
<tr>
<td>[ ] Solid</td>
<td></td>
</tr>
<tr>
<td>Melting Point</td>
<td>NA</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>NA</td>
</tr>
<tr>
<td>Autoignition Pt</td>
<td>No data.</td>
</tr>
<tr>
<td>Flash Pt</td>
<td>66.00 F Method Used: Pensky-Marten Closed Cup</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>LEL: 3% UEL: 19%</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>0.95 at 25.0 C</td>
</tr>
<tr>
<td>Density</td>
<td>NA</td>
</tr>
<tr>
<td>Bulk density</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Pressure (vs. Air or mm Hg)</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Density (vs. Air = 1)</td>
<td>NA</td>
</tr>
<tr>
<td>Evaporation Rate (vs Butyl Acetate=1):</td>
<td>&gt;1 N.A.</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>&gt;96%</td>
</tr>
<tr>
<td>Solubility Notes</td>
<td>Miscible</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>38.0 % by volume.</td>
</tr>
<tr>
<td>Saturated Vapor Concentration</td>
<td>NA</td>
</tr>
<tr>
<td>Viscosity</td>
<td>NA</td>
</tr>
<tr>
<td>Heat Value</td>
<td>NA</td>
</tr>
<tr>
<td>Particle Size</td>
<td>NA</td>
</tr>
<tr>
<td>Corrosion Rate</td>
<td>NA</td>
</tr>
<tr>
<td>pH</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Appearance and Odor**
Translucent gel, white to yellow with characteristic fishy-alcohol odor.

## SECTION 10. Stability and Reactivity

**FLY RELIEF ATTRACTANT**

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable [ ] Stable [ X ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions To Avoid - Instability</td>
<td>Heat, sparks, flames, direct sunlight, and other ignition sources.</td>
</tr>
<tr>
<td>Incompatibility - Materials To Avoid</td>
<td></td>
</tr>
</tbody>
</table>
Acids, acid chlorides, acid anhydrides, oxidizing agents.

**Hazardous Decomposition Or Byproducts**
CO, CO2, N compounds, and ammonia.

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

**Conditions To Avoid - Hazardous Polymerization**
No data available.

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### SECTION 11. Toxicological Information
FLY RELIEF ATTRACTANT

No data available.

**Carcinogenicity/Other Information**
No data available.

<table>
<thead>
<tr>
<th>Hazardous Components (Chemical Name)</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alchol</td>
<td>64-17-5</td>
<td>n.a.</td>
<td>n.a.</td>
<td>A4</td>
<td>n.a.</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>n.a.</td>
<td>n.a.</td>
<td>A4</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

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

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### SECTION 12. Ecological Information
FLY RELIEF ATTRACTANT

No data available.

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### SECTION 13. Disposal Considerations
FLY RELIEF ATTRACTANT

**Waste Disposal Method**
Dispose of in accordance with local, State, and Federal regulations.

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### SECTION 14. Transport Information
FLY RELIEF ATTRACTANT

**LAND TRANSPORT (US DOT)**

- **DOT Proper Shipping Name:** Flammable Liquid, n.o.s. (ethanol)
- **DOT Hazard Class:** 3
- **DOT Hazard Label:** FLAMMABLE LIQUID
- **UN/NA Number:** UN1993
- **Packing Group:** II

**Additional Transport Information**
Flammable liquid, n.o.s. (ethanol) for packages larger than 1.0 liters (1 Qt). ORM-D, Consumer Commodity for packages smaller than 1.0 liters (1 Qt).

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### SECTION 15. Regulatory Information
FLY RELIEF ATTRACTANT

No data available.
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.