

**MATERIAL SAFETY DATA SHEET**  
**CENTAURA INSECT REPELLENT FOR**  
**HORSE AND RIDER**

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## 1. Product and Company Identification

**Product Code:** 85972-1-270  
**Product Name:** CENTAURA INSECT REPELLENT FOR HORSE AND RIDER

### Manufacturer Information

**Company Name:** Distributed by:  
Farnam Companies, Inc.  
301 West Osborn Road  
Phoenix, AZ

**Emergency Contact:** Animal or human exposure (800)234-2269

**Alternate Emergency Contact:** CHEMTREC (Emergency spills) (800)424-9300

**Information:** Farnam Companies (800)234-2269

**Preparer Name:** SFaith/Regulatory

### Additional Identity Information

100508468 15-oz non-aerosol can

## 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TWA	Other Limits
1. Ethyl Alcohol	64-17-5	25.0 -50.0 %	1000 ppm	1000 ppm	No data.
2. Isopropyl alcohol	67-63-0	2.5 -10.0 %	400 ppm	200 ppm	No data.
3. Hexyl salicylate	6259-76-3	< 0.2 %	No data.	No data.	No data.
4. Picaridin	119515-38-7	>10.0 %	No data.	No data.	No data.

  

Hazardous Components (Chemical Name)	CAS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
1. Ethyl Alcohol	64-17-5	No data.	No data.	No data.	No data.
2. Isopropyl alcohol	67-63-0	No data.	No data.	400 ppm	No data.
3. Hexyl salicylate	6259-76-3	No data.	No data.	No data.	No data.
4. Picaridin	119515-38-7	No data.	No data.	No data.	No data.

## 3. Hazards Identification

### Emergency Overview

KEEP OUT OF REACH OF CHILDREN  
Keep away from sources of ignition - no smoking.  
Do not breathe fumes/aerosol.  
If swallowed, seek medical advice immediately and show this container or label.  
Use only in well-ventilated areas.

### Potential Health Effects (Acute and Chronic)

None known

### Recommended Exposure Limits

Ethanol: TLV: 1000 ppm; 1880 mg/m<sup>3</sup> (as TWA) (ACGIH 1993-1994).  
Isopropanol: TLV: 400 ppm; 983 mg/m<sup>3</sup> (as TWA); 500 ppm; 1230 mg/m<sup>3</sup> (as STEL) (ACGIH 1991-1992).

### Signs and Symptoms Of Exposure

None known

### Medical Conditions Generally Aggravated By Exposure

None known

## 4. First Aid Measures

### Emergency and First Aid Procedures

If inhaled: Supply fresh air; consult physician in case of complaints.

If on skin: Generally product does not irritate the skin.

If in eyes: Rinse opened eye for several minutes under running water. If symptoms persist, consult a physician.

If swallowed: Seek medical advice immediately and show this container or label.

## 5. Fire Fighting Measures

**Flash Pt:** > 21.00 C

**Explosive Limits:** LEL: 3.5 UEL: 15.0

**Autoignition Pt:** 375.00 C

### Fire Fighting Instructions

At higher temperatures the container can burst which can cause an explosion. Cool endangered containers with water spray.

### Flammable Properties and Hazards

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### Hazardous Combustion Products

Carbon oxides, nitrogen oxides.

### Extinguishing Media

In case of fire, use water spray (fog), foam, dry chemical or CO<sub>2</sub>.

### Unsuitable Extinguishing Media

None known.

## 6. Accidental Release Measures

### Steps To Be Taken In Case Material Is Released Or Spilled

Do not allow to enter sewers, surface or ground water. Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources.

## 7. Handling and Storage

### Precautions To Be Taken in Handling

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Buildup of explosive mixtures possible without sufficient ventilation.

### Precautions To Be Taken in Storing

Keep ignition sources away. Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

## 8. Exposure Controls/Personal Protection

### Respiratory Equipment (Specify Type)

Not required.

### Eye Protection

Avoid contact with eyes.

### Protective Gloves

Not required.

### Other Protective Clothing

Not required.

### Engineering Controls (Ventilation etc.)

Not necessary if room is well-ventilated.

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**Work/Hygienic/Maintenance Practices**

Wash hands before eating, drinking, smoking or using the restroom.

**Additional Exposure Control Information**

Do not inhale gases, fumes, or aerosols.

**9. Physical and Chemical Properties**

<b>Physical States:</b>	[ ] Gas	[ X ] Liquid	[ ] Solid
<b>Melting Point:</b>	NA		
<b>Boiling Point:</b>	70.00 C		
<b>Decomposition Temperature:</b>	NA		
<b>Autoignition Pt:</b>	375.00 C		
<b>Flash Pt:</b>	> 21.00 C		
<b>Explosive Limits:</b>	LEL: 3.5	UEL: 15.0	
<b>Specific Gravity (Water = 1):</b>	NA		
<b>Density:</b>	0.975 - g/cm <sup>3</sup>	at 20.0 C	
<b>Bulk density:</b>	NA		
<b>Vapor Pressure (vs. Air or mm Hg):</b>	59 - hPa	at 20.0 C	
<b>Vapor Density (vs. Air = 1):</b>	NA		
<b>Evaporation Rate:</b>	NA		
<b>Solubility in Water:</b>	No data.		
<b>Solubility Notes</b>	Partly miscible.		
<b>Percent Volatile:</b>	No data.		
<b>Saturated Vapor Concentration:</b>	NA		
<b>Viscosity:</b>	NA		
<b>Heat Value:</b>	NA		
<b>Particle Size:</b>	NA		
<b>Corrosion Rate:</b>	NA		
<b>pH:</b>	NA		

**Appearance and Odor**

Colorless liquid in aerosol with characteristic odor.

**10. Stability and Reactivity**

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

**Conditions To Avoid - Instability**

No decomposition if used according to specifications.

**Incompatibility - Materials To Avoid**

None known.

**Hazardous Decomposition Or Byproducts**

None known.

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

**Conditions To Avoid - Hazardous Polymerization**

None known.

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## 11. Toxicological Information

No irritant effect on the skin. No irritating effect on the eye. No sensitizing effects known.

### Chronic Toxicological Effects

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Ethyl Alcohol	64-17-5	n.a.	n.a.	A4	n.a.
2. Isopropyl alcohol	67-63-0	n.a.	n.a.	A4	n.a.
3. Hexyl salicylate	6259-76-3	n.a.	n.a.	n.a.	n.a.
4. Picaridin	119515-38-7	n.a.	n.a.	n.a.	n.a.

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

## 12. Ecological Information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13. Disposal Considerations

### Waste Disposal Method

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

## 14. Transport Information

### LAND TRANSPORT (US DOT)

**DOT Proper Shipping Name** Land Transport U.S. DOT-49CFR : Subject to Limited quantity rule Column 8A HMT 172.101 Inner Packaging not exceeding 1 L.

**DOT Hazard Label:** Limited Quantity

### Additional Transport Information

No data available.

## 15. Regulatory Information

No data available.

## 16. Other Information

### 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.