

Conforms to Hazard Communication Standard 29 CFR 1910.1200

---

---

### Section 1 - IDENTIFICATION

---

---

**Product Identifier:** Liquid Fence® Dog & Cat Repellent Ready-To-Use<sub>2</sub>

**Other Means of Identification:**

Product Code HG-70130; HG-71296  
Formula Number 21-1565  
25B Number 72041-25B-34

**Recommended Use:** Dog & Cat Repellent

**Recommended Restrictions:** Use in accordance with label directions

**Manufacturer/Importer/Supplier/Distributor Information:**

Company Name Liquid Fence Co.  
Address PO Box 4406, Bridgeton, MO 63044-0406  
Telephone Number 1-800-923-3623

**Emergency Telephone Number:**

CHEMTREC (800)424-9300  
Medical (866)823-2749

---

---

### Section 2 - HAZARD(S) IDENTIFICATION

---

---

**Classification of Substance or Mixture:**

Physical Hazard(s) Not classified as a Physical Hazard  
Health Hazard(s) Skin Sensitizer - Category 1

**Label Elements:**

Hazard Pictogram(s)



Signal Word

WARNING

Hazard Statements:

May cause an allergic skin reaction

Precautionary Statements:

Avoid breathing vapors or spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.  
If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice. Wash contaminated clothing before reuse.  
Dispose of contents in accordance with all local, state/provincial and federal regulations. For more information see product label.

**Hazard(s) not Otherwise Classified (HNOC):** No additional information available

**Supplemental Information:** None

---

---

### Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

---

---

Chemical Name	Synonyms	CAS Number	%
Citronella Oil	n/a	106-23-0	0.780
Eugenol	n/a	97-53-0	0.200
Garlic Oil	n/a	Mixture	0.200
Cinnamon Oil	n/a	8015-91-6	0.200
Geraniol	n/a	106-24-1	0.100
Sodium Lauryl Sulfate	n/a	151-21-3	0.015

In accordance with paragraph (d) of 1910.1200, the exact percentage (concentration) has been withheld as a trade secret. Other components are below reportable levels.

---



---

#### Section 4 - FIRST-AID MEASURES

---



---

**Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Skin Contact:** In case of contact, wash skin with plenty of water for 15 minutes. If skin irritation or redness develops, seek medical attention.

**Eye Contact:** In case of contact, flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

**Most Important Symptoms/Effects, Acute and Delayed:** Symptoms of exposure may include, irritation of eyes and nose, cough and/or shortness of breath.

**Indication of Immediate Medical Attention & Special Treatment Needed:** Immediate medical attention should not be required.

---



---

#### Section 5 - FIRE-FIGHTING MEASURES

---



---

**Suitable Extinguishing Media:** Treat for surrounding material.

**Unsuitable Extinguishing Media:** None known.

**Specific Hazards Arising from the Chemical:** Products of combustion may include, and are not limited to: oxides of carbon.

**Special Protective Equipment and Precautions for Firefighters:** Keep upwind of fire. Wear full fire fighting turn-out gear (full bunker gear) and respirator protection (SCBA).

---



---

#### Section 6 - ACCIDENTAL RELEASE MEASURES

---



---

**Personal Precautions, Protective Equipment and Emergency Procedures:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Methods and Materials for Containment and Cleaning Up:** Contain and/or absorb spill with inert material. Scoop up material and place in a disposable container. Then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use

**Environmental Precautions:** appropriate personal protective equipment (PPE).  
Report spills as required by local and national regulations. Prevent entry into storm sewers and waterways.

---

---

### Section 7 - HANDLING AND STORAGE

---

---

**Precautions for Safe Handling:** Avoid breathing mist. Avoid contact with skin and eyes. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

**Conditions for Safe Storage, Including any Incompatibilities:** Keep out of reach of children. Keep container tightly closed. (See section 10).

---

---

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

---

---

**Control Parameters:** None

**Appropriate Engineering Controls:** General ventilation should be adequate for all normal use.

**Individual Protective Measures, Such as Personal Protective Equipment:**

Eye/face protection: None required for normal use. Avoid eye contact.

Skin and body protection: None required under normal use conditions.

Respiratory protection: None required under normal use conditions.

General hygiene considerations: Do not eat, drink or smoke where material is handled, processed or stored. Wash hands after handling.

---

---

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

---

---

**Appearance (physical state, color, etc.):** Opaque, pale yellow emulsion

**Odor:** Garlic & Citronella

**Odor Threshold:** No data available

**pH:** 2.5-4.5

**Melting / Freezing Point:** No data available

**Initial boiling point and range:** No data available

**Flashpoint:** No data available

**Evaporation Rate:** No data available

**Flammability (solid, gas):** No data available

**Upper/lower flammability or explosive limits:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Relative density:** 0.990-1.010

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

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

**Auto-ignition temperature:** No data available

**Decomposition temperature:** No data available

**Viscosity:** No data available

**Section 10 - STABILITY AND REACTIVITY**

**Reactivity:** No dangerous reaction known under conditions of normal use.  
**Chemical stability:** Stable under normal storage conditions.  
**Possibility of hazardous reactions:** No dangerous reaction known under conditions of normal use.  
**Conditions to avoid:** Heat. Incompatible materials.  
**Incompatible materials:** None known.  
**Hazardous decomposition products:** May include, and are not limited to oxides of carbon.

**Section 11 - TOXICOLOGICAL INFORMATION**

**Information on the likely routes of exposure:** Inhalation, ingestion and/or skin or eye contact

**Symptoms related to the physical, chemical and toxicological characteristics:**

Inhalation: May cause respiratory tract irritation.  
 Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.  
 Skin contact: May cause skin irritation or allergic reaction. Symptoms may include redness, drying, defatting and cracking of the skin.  
 Eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

**Acute Toxicity Values:**

<b>Calculated overall Chemical Acute Toxicity Values (ATE)</b>		
LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
>2000 mg/kg	>2000 mg/kg	>5 mg/l

**Eye Contact:** Based on available data, the classification criteria are not met.  
**Skin Contact:** Based on available data, the classification criteria are not met.  
**Sensitization:** This product is a skin sensitizer.

**Chronic Effects-Carcinogenicity:**

<b>Ingredient</b>	<b>Chemical Listed as a Carcinogen or Potential Carcinogen (NTP, IARC, OSHA)</b>
None of the ingredients present in this product at or above 0.1% are listed as potential carcinogens on the NTP, IARC or OSHA lists.	

**Reproductive Toxicity:** Based on available data, the classification criteria are not met.  
**Germ Cell Mutagenicity:** Based on available data, the classification criteria are not met.  
**STOT-single exposure:** Based on available data, the classification criteria are not met.  
**STOT-repeated exposure:** Based on available data, the classification criteria are not met.  
**Aspiration hazard:** Based on available data, the classification criteria are not met.

**Comment:** All information was generated using the GHS classification criteria for mixtures and test data where available.

---

---

### Section 12 - ECOLOGICAL INFORMATION

---

---

**Ecotoxicity:** This product is not expected to be harmful to aquatic organisms.  
**Persistence and degradability:** No data available  
**Bioaccumulative potential:** No data available  
**Mobility in soil:** No data available  
**Other adverse effects:** No data available

---

---

### Section 13 - DISPOSAL CONSIDERATIONS

---

---

Dispose of in accordance with all local, state/provincial and federal regulations. For more information see product label.

---

---

### Section 14 - TRANSPORTATION INFORMATION

---

---

**DOT:** Not Regulated  
**IATA:** Not Regulated  
**IMDG:** Not Regulated

---

---

### Section 15 - REGULATORY INFORMATION

---

---

#### US EPA Label Information:

**25B Number** 72041-25B-34

#### **Federal Insecticide, Fungicide, Rodenticide Act Regulations**

This chemical is a pesticide product regulated by the Environmental Protection Agency and is subjected to certain labeling requirements under the federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

#### **EPA Pesticide Label**

**CAUTION:** KEEP OUT OF REACH OF CHILDREN.

**CAUTION:** This product may be harmful if swallowed. Avoid contact with eyes. If contact with eyes occurs, immediately flush with plenty of water. Seek medical attention if either occurs.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store in original container, in a cool, dry area inaccessible to children and pets. Protect from heat and freezing. Store between 40°F and 90°F. Keep containers closed tightly to prevent evaporation. If spillage occurs, dilute with water and flush away.

**CONTAINER DISPOSAL:** Do not reuse empty container. Dispose of empty container as required by municipal or local laws.

**EPA TSCA Inventory:** All of the components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

**SARA Hazard Category (311/312):** See OSHA hazards listed in section 2.

**SARA 313:** Section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

---

---

**Disclaimer:** Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

---

---

**Section 16 - OTHER INFORMATION**

---

---

Issue date: October 28, 2019  
Revision date: October 28, 2019  
Version number: 1.0, Initial