

## Material Safety Data Sheet

Common Name: **Liquid Net Insect Repellent**

(Ultimate Insect Repellent Liquid –Human Use)

(Ultimate Insect Repellent Liquid Applied to Cloth Wipes – Human Use)

(Liquid Net for Pets)

(Liquid Net Equine Insect Repellents Liquid)

(Liquid Net Equine Insect Repellents Liquid Applied to Cloth Wipes – Equine Use)

(Used on label and list)

Revision Date: 11/25/2006

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May be used to comply with OSHA's Hazard Communication Standard  
29CFR 1910.1200 Standard must be consulted for specific requirements

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### Section 1

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Manufacturer's Name: Liquid Fence Co., Inc.  
PO Box 300  
Broadheadsville, PA18322

Phone#: (610) 681-2200, Fax#(610)-681 2222

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### Section 2 – HAZARDOUS INGREDIENTS/IDENTITY

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Hazardous Component(s) (chemical and common name(s))	OSHA PEL	ACOH TLV	Other Exposure Limits	%	CAS NO.
Eugenol	N/A	N/A	N/A	<0.35%	97.53-0
Cedarwood Oil	N/A	N/A	N/A	<0.50%	8007-27-9
Lemongress Oil	N/A	N/A	N/A	<0.50%	8007-27-1
Citronella Natural	N/A	N/A	N/A	<0.50%	106-23-0
Citronellal Java	N/A	N/A	N/A	<0.50%	8000-29-1
Geranoil	N/A	N/A	N/A	<0.50%	106-24-1
Wintergreen Oil	N/A	N/A	N/A	<0.50%	68917-75-9
Peppermint Oil	N/A	N/A	N/A	<0.50%	68608-37-7
Lime Juice Concentrate	N/A	N/A	N/A	<0.50%	N/A
Sodium Lauryl Sulfate	Not Established	Not Established	Oral LD50 Rat: >12800 mg/kg	<0.42%	112-53-8
Water	Not Established	Not Established	Not Established	<96.6%	7732-18-5

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### Section 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

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Form: Liquid

Color: Opaque White –Opaque Beige

Odor: Sweet Pleasant

pH: 5.5 – 7.5

Vapor Pressure: Not Determined

Vapor Density: Estimated Lighter than air

Evaporation Rate: Estimated Slower than Ether

Solubility in Water: Appreciable

Reactivity in Water: None

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#### Section 4 – FIRE & EXPLOSION DATA

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Flash Point and Method Used: N/A

Auto-Ignition Temperature: N/A

Flammability Limits in Air % by Volume: N/A

LEL: N/A

UEL: N/A

Extinguisher Media: Foam, CO<sub>2</sub>, Dry Chemical

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

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#### Section 5 – REACTIVITY HAZARD DATA

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Stability: Stable

Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): AVOID STRONG OXIDIZING AGENTS

Hazardous Decomposition Products: None Known

Hazardous Polymerization: Will not occur

Conditions to Avoid: N/A

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#### Section 6 – HEALTH HAZARD DATA

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Primary Routes of Entry: Inhalation, Ingestion, Skin Absorption

Carcinogen Listed in: Not Listed

##### **Health Hazards:**

ACUTE: May cause irritation to all of the above incidents.

CHRONIC: Same

**Emergency First Aid Procedures** – Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact – Flush with large amount of water.

Skin Contact – For Acute expose or hypersensitivity reactions flush with large amounts of water and wash with appropriate dermal soaps. Remove contaminated clothing and wash before reuse.

Inhalation – If symptoms are experienced, remove source of contamination or move victim to fresh air.

Ingestion – Drink large amounts of water.

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#### Section 7 – CONTROL AND PROTECTIVE MEASURES

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Respiratory Protection – If vapors are present and irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.

Protective Gloves: Recommended

Eye Protection: Recommended

Ventilation to be used: Local exhaust and Mechanical as required.

Other Protective Clothing and Equipment: Optional

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

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## Section 8 – PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

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### **Steps to be taken if Material Is Spilled or Released:**

Small Spills: Absorb with earth, sand or other absorbent material and transfer to containers for later disposal. Residues may be flushed with water and clean.

Large Spills: Dike ahead of liquid spill for later disposal . Prevent entry into waterways, sewers, and surrounding areas.

Surfaces may become slippery after spillage.

Waste Disposal Methods: Disposal of all waste in accordance with local, state and federal laws.

### **Precautions to be taken In Handling and Storage:**

Handling Procedures: Use commonly accepted industrial hygiene procedures.

Storage: Avoid freezing and excessive heat.