

MATERIAL SAFETY DATA SHEET



The Liquid Fence Company, Inc.
P.O. Box 300
Brodheadsville, PA 18322

Product Name: Liquid Net
Phone: 800-923-3623
Fax: 570-722-8452
Date of Preparation: 11/15/2010

MSDS Date: 11/15/2010
Product Name: Liquid Net – Liquid and Wipes

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

CAS #: Liquid Mixture or Liquid Applied to Wipes
Product Use: Insect Repellent Spray product

Manufacturer: The Liquid Fence Company, Inc.
P.O. Box 300
Brodheadsville, PA 18322
800-923-3623

SECTION 2 - HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

Potential short term health effects: Eye, Skin contact, Inhalation, Ingestion.

Eyes: May cause irritation.

Skin: May cause irritation.

Inhalation: May cause respiratory tract irritation.

Ingestion: May cause stomach distress, nausea or vomiting.

Target organs: Eyes, Skin, & Respiratory system.

Chronic effects: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms: Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Composition comments: This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

Contains the following ingredients which comply with the FIFRA 25(b) minimum risk active ingredients or List 4A inert ingredients:

COMPONENT	CAS#
EUGENOL	97-53-0
CEDARWOOD OIL	8000-27-9
LEMONGRASS OIL	8007-02-01
CITRONELLAL NATURAL	106-23-0
CITRONELLA JAVA	8000-29-1
GERANIOL	106-24-1
WINTERGREEN OIL	68917-75-9
PEPPERMINT OIL	68608-37-7
CITRIC ACID	77-92-9

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SODIUM LAURYL SULFATE	151-21-3
WATER	7732-18-5

SECTION 4 - FIRST AID MEASURES

Skin contact: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

Notes to physician: Symptoms may be delayed.

General advice: If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable properties: Not flammable by OSHA criteria.

SUITABLE EXTINGUISHING MEDIA

Extinguishing media: Treat for surrounding material.

Unsuitable extinguishing media: Not available

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Protection of firefighters: Not available

Protective equipment for firefighters: Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products: None known.

SENSITIVITY TO MECHANICAL IMPACT

Explosion data: Not available

Sensitivity to static discharge: Not available

Personal precautions: Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Methods for containment: Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up: Before attempting clean-up, refer to hazard data given above. Small spills may be absorbed, swept up and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

SECTION 7 - HANDLING AND STORAGE

Handling: Use good industrial hygiene practices in handling this material.

Storage: Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: General ventilation normally adequate.

EYE / FACE PROTECTION

Personal protective equipment: During application, prevent entry into eyes. Wear safety glasses with side shields if using in large applications.

Hand protection: Wash hands after application.

Skin and body protection: As required by employer code.

Respiratory protection: Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Opaque

Color: Opaque White to Opaque Beige

Form: Liquid

Odor: Sweet Pleasant Fragrance

Odor threshold: Not available

Physical state: Liquid

pH: 5.5 to 7.5

Freezing point: Not available

Boiling point: Not available

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Flash point:	Not available
Evaporation rate:	Not available
Flammability limits in air, lower, % by volume:	Not available
Flammability limits in air, upper, % by volume:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Specific gravity:	Not available
Octanol/water coefficient:	Not available
Auto-ignition temperature:	Not available

SECTION 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical stability:	Stable under recommended storage conditions.
Conditions to avoid:	Do not mix with other chemicals.
Incompatible materials:	Oxidizers.
Hazardous decomposition products:	None known.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE

Eye:	May cause irritation.
Skin:	May cause irritation.
Inhalation:	May cause respiratory tract irritation.
Ingestion:	May cause stomach distress, nausea or vomiting.
Sensitization:	Not available
Chronic effects:	Not available.
Carcinogenicity:	Not available.
Mutagenicity:	Not available
Reproductive effects:	Not available.
Teratogenicity:	Not available
Ecotoxicity:	Not available

SECTION 12 - ECOLOGICAL INFORMATION

Environmental effects:	Not available
Aquatic toxicity:	Not available

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Persistence / degradability: Not available
Bioaccumulation / accumulation: Not available
Partition coefficient: Not available
Mobility in environmental media: Not available
Chemical fate information: Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste codes: Not available
Disposal instructions: Dispose in accordance with all applicable regulations.
Waste from residues / unused products: Not available
Contaminated packaging: Not available

SECTION 14 - TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT): Not regulated as dangerous goods.
US Federal regulations: This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

SECTION 15 - REGULATORY INFORMATION

29 CFR 1910.1200 hazardous chemical Occupational Safety and Health Administration (OSHA) : No
CERCLA (Superfund) reportable quantity: Not Available
Hazard categories Superfund Amendments and Reauthorization Act of 1986 (SARA):
Immediate Hazard No
Delayed Hazard No
Fire Hazard No
Pressure Hazard No
Reactivity Hazard No
Section 302 extremely hazardous Substance: No
Section 311 hazardous chemical: No
Clean Air Act (CAA): Not available
Clean Water Act (CWA): Not available
State regulations: WARNING: This product contains a chemical known to the State of California to cause cancer.

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INVENTORY STATUS

**Inventory Country(s) or region name
on inventory (yes/no)*:**

Yes - A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

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: 15-November-2010
Effective date: **15-November-2010**
Prepared by: The Liquid Fence Company, Inc.
(800) 923-3623