

Section 1 - Identification

Product Name: **L. L. PreventionTM** A liquid quaternary ammonium compound. Revised: 4/28/15

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Section 2 - Hazards Identification

This is an EPA registered product. The OSHA GHS labeling requirements do not apply at this time.

See

Section 4 - First Aid Measures
Section 5 - Fire-Fighting Measures
Section 6 - Accidental Release Measures
Section 7 - Handling and Storage
Section 13 - Disposal Considerations



for industry standard information.

Section 3 - Composition / Information on Ingredients

Ingredient	C.A.S. No.	Concentration
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	20.0%
Octyl Decyl Dimethyl Ammonium Chloride	68424-95-3	15.0%
Dioctyl Dimethyl Ammonium Chloride	5538-94-3	7.5%
Didecyl Dimethyl Ammonium Chloride	7173-51-5	7.5%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

Skin Contact: With concentrate flush the exposed area with running water. Remove contaminated clothing and launder before using again. With use-dilutions wash exposed area with soap and water. If irritation persists, get medical attention.

Inhalation: None.

Ingestion: If the product is swallowed, do NOT induce vomiting. Dilute by giving a glass of water or milk to drink. Treat for shock by keeping person warm and quiet. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Clean up with a rag or mop.

Section 7 - Handling and Storage

Do not contaminate water, food, or feed by storage or disposal.

Store in a cool place. Keep from freezing.

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Section 8 - Exposure Controls / Personal Protection

None of the ingredients have known exposure limits or they are below OSHA reportable levels.

Ventilation: None.

Respiratory Protection: None.

Gloves: Wear rubber or latex gloves when handling concentrate. Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves when using use-dilutions.

Eye Protection: If eye contact with concentrate is possible, wear safety glasses with side shields. When spraying use-dilutions wear safety glasses with side shields.

Other Protective Equipment: An eye-wash station should be within 10 seconds travel time of concentrate use/mixing areas.

Section 9 - Physical and Chemical Properties

Appearance and Odor: A colorless liquid with slight odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 7.0 ± 0.5	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 0.96
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 212° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: None. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: ~1 (Water = 1)	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 50%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Target Organs: None.

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes – concentrate causes eye damage. Use-dilutions cause irritation, redness, tearing.

Skin – concentrate causes severe irritation. Use-dilutions may cause irritation on persons with sensitive skin.

Swallowing – concentrate causes irritation and may cause damage to the mucous membranes. Use-dilutions cause nausea and diarrhea.

Breathing - none when used according to label directions.

Section 12 - Ecological Information

If this product cannot be disposed of by use according to label instructions, do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Rinse to sanitary sewer with a large amount of water. Do not allow into natural water systems such as lakes, streams or rivers.

Section 14 - Transport Information

D.O.T. Hazard Class: Gallons: ORM-D Larger: DISINFECTANTS, LIQUID, CORROSIVE, 8, UN 1903, P.G. III

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:1 F:0 I:0 **HMIS® III:** H:2 F:0 P:1 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 3/19/09. GHS conversion.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.