

# Material Safety Data Sheet

Number: **DMN0403**

Product Name: **L. L. Care**

A liquid detergent.

Revised: 1/5/07

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## Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>Cas No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Isopropyl Alcohol	67-63-0	2 - 10%	No
Ethanol	64-17-5	2 - 3%	No

## Section 3 - Hazards Identification

**Emergency Overview:** Liquid is irritating to eyes and skin. Excessive inhalation of vapors may cause irritation. A tan liquid with floral odor. Product is water based and presents little hazard in a fire.

**Health Hazards:** Irritant

**Physical Hazards:** None

**Primary Routes of Entry:**  Through Skin  Inhalation  Ingestion

### Potential Health Effects:

**Eyes** - causes irritation, redness, tearing, blurred vision, and possible damage.

**Skin** - causes irritation, reddening.

**Swallowing** - causes gastrointestinal irritation and burns, nausea, vomiting, diarrhea.

**Breathing** - excessive inhalation of vapors can cause irritation.

## Section 4 - First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

**Skin Contact:** Wash exposed area with soap and water. If irritation persists, call a physician.

**Inhalation:** If affected, move exposed person to fresh air. If irritation persists get medical attention.

**Ingestion:** If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

## Section 5 - Fire-Fighting Measures

**Flash Point:** 125° F. ASTM D-56 closed cup. There is no open cup flash point. The product is not flammable and will not burn. However, alcohol vapors may concentrate in the closed air space above the product in drums. These vapors are flammable by sparks or flame at or above the flash point temperature. This does not apply to containers of 5 gallons or less.

**Lower Explosive Limit:** Not Applicable

**Upper Explosive Limit:** Not Applicable

**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:** Small spills of 1 gallon or less may be wiped or mopped up. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.

## Section 7 - Handling and Storage

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

## Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Isopropyl Alcohol	67-63-0	2 - 10%	400 ppm(1,2,3,4)	500 ppm(2,4)	-
Ethanol	64-17-5	2 - 3%	1,000 ppm(1,2,3,4)	1,250 ppm(4)	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

**Ventilation:** Good room ventilation.

**Respiratory Protection:** None when used as directed.

**Gloves:** Persons with sensitive skin or who use the product for prolonged periods may wish to wear latex or neoprene gloves. Disposable latex gloves may be used.

**Eye Protection:** If eye contact with the product is possible, wearing safety glasses with side shields, especially for contact lens wearers, is a good idea.

**Other Protective Equipment:** None.

### Section 9 - Physical and Chemical Properties

**Boiling Point:** 212° F.

**Specific Gravity:** 1.036

**Percent Volatiles:** 70%

**Solubility In Water:** Complete

**Appearance and Odor:** Tan liquid with floral odor.

**Vapor Pressure:** Not Applicable

**Vapor Density:** Not Applicable

**Evaporation Rate:** Not Applicable

**pH:** concentrate 8 ± 0.5

### Section 10 - Stability and Reactivity

**Incompatibility:** None

**Hazardous Decomposition Products:** None

### Section 11 - Toxicological Information

**Target Organs:** None.

### Section 12 - Ecological Information

Do not dispose of in nature.

### Section 13 - Disposal Considerations

**Waste Disposal Method:** Up to 1 gallon may be washed to a sanitary sewer with a large amount of water.

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

### Section 14 - Transport Information

**D.O.T. Hazard Class:** Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

### 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:1 F:0 P:0      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.

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.