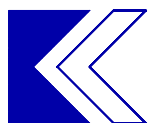


# MATERIAL SAFETY DATA SHEET



## KNAPP Manufacturing

Knapp Manufacturing  
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Fresno, California 93727

Daytime Phone: 559-251-8254  
Emergency: Chem-Tel 800-255-3924  
Date Compiled: November 20, 2003

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SECTION 1: PRODUCT IDENTIFICATION  
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Product name: **LD Liquid Detergent**  
Synonym/Chemical name/Common name: Cleaner  
DOT hazard class: Not classified as hazardous by D.O.T.  
Proper shipping name: cleaning compound  
Knapp inventory number: 71010

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SECTION 2: INGREDIENT INFORMATION  
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Hazardous Ingredients	Wgt %	Toxicity Data
none	N/A	N/A

This product contains no chemical at a level which poses a significant risk as defined by California Proposition 65.

This product contains no toxic chemical, above its de minimis concentration, subject to reporting requirements of Title III SARA, section 313 EPCRA (40 CFR 372).

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SECTION 3: PHYSICAL CHARACTERISTICS  
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Specific Gravity (H<sub>2</sub>O=1): 1.04  
Vapor pressure: =water  
Vapor density (Air=1): No vapors are produced.  
Percentage volatile by weight: 85%  
Solubility in water: complete  
pH (Undiluted): 8.0  
Evaporation rate (H<sub>2</sub>O=1): 1  
Freezing point: 32°F  
Boiling point: 212°F  
Appearance and odor: Clear, pink liquid with pleasant cleaner odor.

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SECTION 4: FIRE AND EXPLOSION HAZARDS  
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Flash point: Nonflammable  
Flash point test method:N/A  
Flammability limits: N/A  
Extinguishing media: Treat primary fire.  
Special fire fighting procedures: none  
Unusual fire or explosive hazards: none

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SECTION 5: REACTIVITY DATA/CONDITIONS TO AVOID  
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Stability: stable  
Incompatibilities (Conditions to avoid): none  
Hazardous decomposition products: none  
Hazardous polymerization will not occur.  
Conditions to avoid: none

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SECTION 6: HEALTH HAZARDS/FIRST AID  
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Primary routes of entry: none  
Signs and symptoms: Product is irritating to eyes or sensitive skin with repeated or prolonged exposure.  
First aid procedures: For eye contact, flush with large amounts of water. If irritation persists, contact a physician.  
Use of this product causes no known chronic health effects.

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SECTION 7: PERSONAL PROTECTION RECOMMENDATIONS  
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Respiratory protection: none  
Ventilation: none  
Protective gloves: Rubber are recommended for long or repeated use.  
Eye protection: none

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SECTION 8: STORAGE/SPILL/SPECIAL HANDLING INFORMATION  
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Steps to be taken in case of spill: Spill area will be slippery until material is removed. Pick up with rags, mops, or absorbant material.  
Waste disposal: Follow all local, state, and federal waste disposal regulations.  
Special storage or handling precautions: none

N/D=Not determined

N/A=Not applicable

This Material Safety Data Sheet is written and provided in good faith for the sole purpose of providing information for the safe use and handling of this product. It is compiled from technical data believed to be current and correct. It should not be taken as a warranty or representation for which Knapp Manufacturing assumes any legal responsibility. The buyer assumes all responsibilities of using and handling the product in accordance with local, state and federal regulations.