

# 38116

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**MATERIAL SAFETY DATA SHEET**



333 Hollenbeck St.  
Rochester NY 14621  
Information: 585-336-2200  
Emergency Phone:  
INFOTRAC: 1-800-535-5053  
OUTSIDE US: 1-352-323-3500

**PRODUCT NAME: LIT-L-SUDS, Synthetic Laundry Detergent**

REVISION DATE: 03/06/2003 REVISION NUMBER: 2  
DATE PRINTED: 03/06/2003 PREPARED BY: EH&S DEPARTMENT

**1. CHEMICAL PRODUCT**

MSDS FORM NUMBER: 7016  
NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 3/3  
Fire: 0/0  
Reactivity: 0/0  
Special/Protective ALK/B  
Equipment:

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous Components**

PRODUCT COMPOSITION CAS REGISTRATION NO.	APPROX. WEIGHT PERCENT	ACGIH TLV	ACGIH UNIT	OSHA PEL	OSHA UNIT	SARA 313 Reportable
SODIUM CARBONATE 497-19-8	>10	NA	NA	NA	NA	No
Silicic Acid, Disodium salt 6834-92-0	> 10	NA	NA	NA	NA	NA

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**3. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT (F): NA (C) NA  
VAPOR PRESSURE: NA  
VAPOR DENSITY (AIR=1): NA  
SOLUBILITY IN WATER: COMPLETE  
SPECIFIC GRAVITY: 1.05 g/cc.  
VOC Content (%): NA  
VOV Content (%): NE  
EVAPORATION RATE: NA  
PH: 10 - 11 (1% solution)  
APPEARANCE AND ODOR: White. Powder. Pleasant odor.

**4. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (F): None (C): NA

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**METHOD:** None

**EXTINGUISHING MEDIA:** As for surrounding fire. Product will not burn.

**FIRE FIGHTING PROCEDURES:** Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

**5. STABILITY AND REACTIVITY**

**STABILITY DATA:** STABLE

**POLYMERIZATION:** Will Not Occur.

**HAZARDOUS DECOMPOSITION:** When heated to high temperatures, the following may be produced: Oxides of Carbon. Oxides of Phosphorus. Oxides of Sodium.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Avoid contact with: Strong acids and oxidizers. Avoid contact with aluminum, zinc, other soft metals or galvanized metals. Reaction will generate hydrogen gas. This gas is flammable and/or explosive in presence of ignition source.

**CONDITIONS/HAZARDS TO AVOID:** None.

**6. HAZARDS IDENTIFICATION****EFFECTS FROM ACUTE EXPOSURE:****INGESTION:**

Causes vomiting, nausea, and diarrhea. May cause burns to mucous membranes of mouth, throat, and digestive tract.

**SKIN CONTACT:**

Prolonged contact may lead to irritation and dermatitis. Prolonged contact causes severe burns which may not be immediately painful or visible.

**INHALATION:**

Inhalation of dust or mist may cause nose and respiratory irritation. Possible tissue damage.

**EYE CONTACT:**

Corrosive. Causes eye burns. May cause permanent eye damage. May cause blindness.

**CHRONIC EFFECTS:**

Dermatitis. Possible respiratory damage from inhalation of dust or mist.

**EFFECTS/CARCINOGENICITY:**

None listed under OSHA, IARC, or NTP.

**ROUTES OF ENTRY:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

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## EMERGENCY AND FIRST AID MEASURES:

**INGESTION:** DO NOT INDUCE VOMITING. Drink several glasses of water or milk. If vomiting occurs, give additional water. Never give anything by mouth to an unconscious person.

**SKIN:** In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. **INHALATION:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention. **EYES:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**NOTES TO PHYSICIAN:** None.

## 7. HANDLING AND STORAGE

### SPILL PROCEDURES:

**SMALL SPILLS:** Reclaim as much as possible.

**LARGE SPILLS:** Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers. Flush remainder with water.

### WASTE DISPOSAL METHODS:

Dispose in accordance with Federal, State and Local regulations.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

**DANGER:** CAUSES SEVERE BURNS. Concentrated, alkaline powder. Avoid contact with eyes, skin and clothing. Do not breathe dusts. Store only in original container and keep closed. Store in a cool, dry area. Store in a well ventilated area. Always add only small amounts of product to water at any one time, while continuously stirring. Mix only with cool water.

### OTHER PRECAUTIONS:

Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Contact with certain food sugars can release hazardous amounts of carbon monoxide gas in enclosed vessels. Read and follow label instructions.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE CONTROLS:** Use in a well ventilated area.

**RESPIRATORY PROTECTION:** None normally required. Use NIOSH approved respirator with dust/mist filter as needed to meet exposure limits of mist in air.

**PROTECTIVE GLOVES:** Rubber or plastic gloves recommended to minimize skin contact.

**EYE PROTECTION:** Goggles. Face shield.

**OTHER PERSONAL PROTECTION EQUIPMENT:** Wear clean, body-covering clothing. Rubber boots. Eyewash fountains and safety showers must be easily accessible.

**VENTILATION:** General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or

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implied, is made as to completeness or continuing accuracy of this information.

**\*\*\* END OF MSDS \*\*\***