



**Safety Data Sheet**  
May be used to comply with OSHA's Hazard  
Communication Standard (HCS), 29 CFR 1910, 1200.  
Standard must be consulted for specific requirements.

## DENSIFIER LS

### SECTION I: IDENTIFICATION

EZCHEM, Inc.  
92 Don Westbrook Ave. N  
Jasper, GA 30143

Emergency Telephone Number: 1-800-535-5053  
Telephone Number for Information: 706-253-5055

Product Name: Densifier LS  
Product Use: Concrete Densifier

### SECTION II: HAZARD IDENTIFICATION

Signal Word: WARNING

**Hazard Classification:**

Skin Corrosion/Irritation, Category 3  
Serious Eye Damage/Irritation, Category 2B

**Hazard Statements:**

H316 - Causes mild skin irritation.  
H320 - Causes eye irritation.

**Precautionary Statements:**

P264 – Wash hands thoroughly after handling.  
P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 – If eye irritation persists: Get medical advice/attention.  
P362 – Take off contaminated clothing and wash before reuse.

**Hazard Pictograms:**

None Required.

### SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

**Hazardous Components:**

Silicic acid, lithium salt

**CAS No.**

12627-14-4



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## SECTION IV – FIRST AID MEASURES

**General Information:** Immediately remove any clothing soiled by the product and launder before reuse.

**After inhalation:** Remove to fresh air. If breathing difficulties occur, **Get Medical Help.**

**After skin contact:** Wash with water, and then soap and water. If irritation develops, **Get Medical Help.**

**After eye contact:** Flush with water for 15 minutes, lifting both eye lids. If irritation persists, **Get Medical Help.**

**After ingestion:** Do not induce vomiting. Rinse mouth with water. Drink one glass of water to dilute and **Get Immediate Medical Help.** Never give anything by mouth to an unconscious person.

**Most Important Symptoms and Effects:**

**Acute:** Ingestion of lithium compound may cause developmental hazard.

**Delayed:** Eye contact. Irritation may increase with time if not treated.

## SECTION V – FIRE AND EXPLOSION HAZARD DATA

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:** None known

**Fire Hazard:** Non-Flammable

**Explosion Hazard:** None

**Reactivity:** Not reactive.

**Products of Combustion:** Not Applicable

**Special Hazards Arising from the Substance or Mixture:** No further relevant information available.

**Special Remarks and Advice for Firefighters:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Wear protective equipment (See section VIII). Keep unprotected persons away.

**Methods and material for containment and cleaning up:**

**Spill Response:** Wear rubber gloves and goggles, and rubber boots. Contain spill and absorb on inert material. Store in a sealable container. Rinse floor with vinegar to neutralize remainder and flush neutral material to drain.

**Waste Disposal:** Follow all local and federal guidelines for non-hazardous waste.

**Environmental precautions:** Not an environmental hazard.



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## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

### Handling

**Precautions for safe handling:** Wash hands after using. Do not contaminate food or feed stuff.

**Additional Hazards:** None known.

**Hygiene Measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

### Storage

**Storage Conditions:** Store in sealed original container.

**Storage Area:** Store separate from acids, reactive metals, ammonium salts, and reactive metals.

**Incompatible Products and Materials:** Acids, reactive metals, ammonium salts, and reactive metals

## SECTION VIII – EXPOSURE CONTROL MEASURES

**Exposure Limits:** NA

**Appropriate Engineering Controls:** General ventilation.

**Personal Protective Equipment:**



**Hand:** Protective Gloves - Chemical Resistant

**Eye:** Safety Glasses

**Skin and Body:** None required.

**Respiratory:** NIOSH approved dust and mist respirator where spray mist occurs.

**Additional Information:** None.



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## SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Liquid Color: Colorless Odor: Odorless
pH-value:	10-11
Boiling Point/Boiling Range:	~100°C
Freezing Point:	NE
Flash Point:	NA
Auto Igniting:	Product is not self-igniting.
Vapor Pressure:	NA
Vapor Density:	>1
Viscosity:	NA
Solubility:	Miscible
Evaporation Rate:	NE
Flammability:	Non-flammable
Decomposition Temperature:	NE

## SECTION X – REACTIVITY DATA

**Conditions to be avoided:** Do not leave container open in storage.  
**Incompatible materials:** Acids, reactive materials, and ammonium salts.  
**Hazardous Decomposition Products:** Hydrogen if exposed to reactive metals.  
**Reactivity:** May react with aluminum or zinc to release hydrogen.  
**Chemical Stability:** Stable.  
**Possibility of Hazardous Reactions:** Only with reactive metals.

## SECTION XI – TOXICOLOGICAL INFORMATION

**Acute toxicity:** NE  
**Likely Route of Exposure:** Skin  
**Exposure Symptoms:**  
    **Eyes:** Moderate irritation.  
    **Skin:** Moderate irritation.  
    **Inhalation:** Spray mist causes irritation to respiratory tract.  
    **Ingestion:** Digestive tract irritation and mouth, esophagus.  
**Effects (Short-term, Long-term):**  
    **Immediate:** Eye irritation.  
    **Delayed:** None known.  
    **Chronic:** None known.  
**Carcinogenicity:** No.  
**Sensitization:** No sensitizing effects known.



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## SECTION XII - ECOLOGICAL INFORMATION

**Aquatic toxicity:** Due to pH, may be harmful to aquatic life.

**Persistence and Degradability:** No further relevant information available.

**Behavior in Environmental Systems:** No further relevant information available.

**Bioaccumulative Potential:** No further relevant information available.

**Mobility in Soil:** No further relevant information available.

**Other Adverse Effects:** None known.

## SECTION XIII - DISPOSAL CONSIDERATIONS

**Recommendation:** Dispose of as non-hazardous waste.

**Recommended Cleansing Agent:** Detergent and water.

**Additional Information:** Refer to Section 8

## SECTION XIV – TRANSPORT INFORMATION

**UN-Number:** Not Regulated

**UN Proper Shipping Name:**

**Transport Hazard Class:**

**Packing Group:**

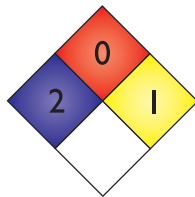
**Environmental Hazards:** Due to pH, may be harmful to aquatic life.

**Additional Information:**

**Special Precautions for User:**

## SECTION XV - OTHER REGULATORY INFORMATION

**NFPA Ratings (Scale 0-4)**



Health: 2  
Fire: 0  
Reactivity: 1

 **WARNING:** Cancer  
– [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SECTION XVI - OTHER INFORMATION

**Last Updated:** 6/1/2015

**NOTE:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. End of SDS.