

# MATERIAL SAFETY DATA SHEET

Date of Revision: January 2013

## SECTION I - PRODUCT IDENTIFICATION

Manufactured for: **Concrete Polishing Solutions**  
P. O. Box 520  
Norris, TN 37828

Information Phone: (877) 472-8200

Emergency Phone: (865) 966-2532

Chemical Name:

Trade Name:

Chemical Family:

Formula:

**Densifier Concentrate**

Proprietary Blend of Wetting Agents,  
and Silicates

! NFPA Hazard Ratings: Health - 1  
! none -> extreme Fire - 0  
! 0 ----> 4 Reactivity - 0  
! Special Hazard Warning -  
! Personal Protection -

## SECTION II - HAZARDOUS INGREDIENTS

Principal Hazardous Compound:  
Silicic acid , Lithium salt

Percent:  
0-25%

CAS No:TLV:  
12627-14-4

## SECTION III - PHYSICAL DATA

Appearance & Odor: Clear liquid  
Percent Volatile by Volume: 75%  
Specific Gravity: 1.2  
Wt. per Gallon: 10 lb.  
pH: 10.7-11

Boiling Range: >210 F  
Evaporation Rate: NA  
Vapor Density: NA  
Solubility in Water: Miscible

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Non-Combustible

Flash Point: NA

LEL:

UEL:

**Extinguishing Media:**

Dry chemical, carbon dioxide, or chemical foam.

**Special Fire fighting Procedures:**

None are expected to be required. If this material is involved in a fire, NIOSH approved self-contained respiratory should be worn.

**Unusual Fire & Explosion Hazards:** None known

## SECTION V - HEALTH HAZARD DATA

**Permissible Exposure Level:**

Not Established

**Effects of Overexposure:**

PRIMARY ROUTES OF ENTRY: ( X ) Skin Contact ( X ) Eye Contact ( ) Inhalation ( X ) Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE: None Known

CHRONIC: Moderate to irritant to skin and mucous membranes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

CARCINOGENICITY: ( ) OSHA ( ) NTP ( ) IARC

**FIRST AID:**

**Inhalation:** Remove from further exposure to mists and sprays. Support respiration if needed. Consult physician if symptoms persist.

**Skin Contact:** Remove contaminated clothing and wash contaminated areas with plenty of soap and water for 15 Min.

**Eye Contact:** Flush eyes immediately with large quantities of water for 15 minutes, lifting the eyelids occasionally. Get medical attention.

**Ingestion:** Do not induce vomiting. Keep victim's head below hips to prevent aspiration. Consult physician if symptoms persist.

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**SECTION VI - REACTIVITY DATA**

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**Stability:**

( X ) Stable ( ) Unstable

**Incompatibility:**

Gels and generates heat when mixed with acids.

**Conditions to Avoid**

None

**Hazardous Decomposition Products:**

Hydrogen

**Hazardous Polymerization:**

( X ) Will not occur, ( ) May occur

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**SECTION VII SPILL OR LEAK PROCEDURES**

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**Steps To Be Taken in Case Material is Released or Spilled:**

No special techniques, regular housekeeping procedures adequate, where desirable flush area with water.

**Waste Disposal Method:**

Dispose as non hazardous waste in accordance with Federal, State, and local ordinances.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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**Respiratory Protection:**

Not required under normal use conditions. Use NIOSH/MSHA approved respirators where dust or mist may be generated.

**Ventilation:**

None

**Protective Gloves:**

None

**Eye Protection:**

None

**Other Protective Equipment:**

None

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**SECTION IX - SPECIAL PRECAUTIONS**

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**Precautions To Be Taken in Handling and Storing:**

Disposal of empty containers should be in accordance with applicable laws and regulations. Store in a cool, dry place. Keep container closed. Keep out of reach of children.

**Other Precautions:**

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**Densifier Concentrate**