

# Safety Data Sheet



## Innotech Concrete Densifier - LS

### Section 1 Product Description

Recommended Use: Concrete densifier  
Supplier: ChromaScape Inc. 2055 Enterprise Pkwy. Twinsburg OH 44087 330-998-7574  
Emergency Phone: Chemtrec: 1-800-424-9300

### Section 2 Hazard identification

Category 2B Eye Irritant  
Category 3 Skin Irritant

Signal Word:

Warning.

Hazard Statement:

H316 Causes mild skin irritation  
H320 Causes eye irritation

Precautionary Statement:

**Prevention:**

P261 Avoid breathing mist.  
P280 Wear eye protection.  
P270 Do not eat, drink, or smoke while using this product.

**Response:**

P301+P314 IF SWALLOWED: Get medical advice if you feel unwell.  
P302+P353 IF ON SKIN: Rinse skin with water.  
P304+P340+P342+P313 IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical advice.  
P305+ P351+P338+P314 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Get medical advice if you feel unwell.

### Section 3 Composition/ Information on Ingredients

|                  | <u>CAS #</u> | <u>OSHA PEL(TWA)</u> | <u>ACGIH(TLV-TWA)</u> | <u>Conc.(wt. %)</u> |
|------------------|--------------|----------------------|-----------------------|---------------------|
| Dihydrogen oxide | 7732-18-5    | Not established      | Not established       | 88.0 - 92.0         |
| Lithium silicate | 12627-14-4   | Not established      | Not established       | 8.0 - 12.0          |

### Section 4 First Aid Measures

**Emergency First Aid Procedures**

**Skin:** Clean area with soap and water. If irritation develops, get medical attention.

**Eyes:** Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. Remove contact lenses if present and easy to do – continue rinsing. If irritation develops, get medical attention.

**Inhalation (mist):** Move to fresh air and keep comfortable for breathing. Seek medical attention if irritation persists.

**Ingestion:** Get medical advice if you feel unwell.

### Section 5 Firefighting Procedures

**Extinguishing Media:** Dry chemical, CO2, foam, water fog

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**Flash Point (TCC):** N/A

**Flammable Limits (% volume in air for solvents):** LEL=N/A UEL=N/A

**Special Fire Fighting Procedures:** Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water.

## Section 6 Spill or Leak Procedures

**Steps to Take if Material is Released or Spilled:** No health effects expected from the clean-up of the material.

Follow the protection information found in Section 8 of this SDS. Absorb spillage in suitable inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.

## Section 7 Handling and Storage

**Normal Handling:** Always use good industrial hygiene practices and safety guidelines.

**Storage:** Store material in its original container. Keep containers tightly closed when not in use.

**Waste Disposal Method:** Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with federal, state, and local guidelines.

**Special Precautions:** Avoid freezing. Store in a cool, dry place with adequate ventilation.

## Section 8 Protection Information

**Respiratory Protection:** Use NIOSH-approved respirator when the chance of mist inhalation is present.

**Ventilation:** Provide adequate mechanical ventilation to keep mist levels low.

**Protective Gloves:** Wear impervious chemical gloves.

**Eye Protection:** Wear chemical safety glasses.

**Other Protective Clothing or Equipment:** As needed to prevent repeated/prolonged contact.

**Work/Hygienic Practices:** Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

## Section 9 Physical Data

**Appearance:** Clear to hazy liquid

**Odor:** Odorless or musty odor

**Odor Threshold:** No data available

**pH:** 11.0

**Freezing/Melting Point:** Not determined

**Boiling Point:** 212° F

**Flash Point:** N/A

**Evaporation Rate:** Not determined

**Flammability (solid, gas):** Non-flammable liquid

**Upper/lower Flammability:** Not determined

**Vapor Pressure:** Not determined

**Vapor Density:** Not determined

**Relative Density:** 1.10 g/cc

**Solubility:** Miscible with water

**Partition Coefficient:** Not determined

**Auto-ignition Temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

## Section 10 Reactivity Data

**Reactivity:** Stable.

**Conditions to avoid:** None known.

**Materials to avoid:** Gels and generates heat when mixed with acid. May react with ammonium salts, resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead, and zinc.

**Hazardous decomposition products:** Hydrogen

**Hazardous Polymerization:** Will not occur.

## Section 11 Toxicity Data

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**Carcinogen:** No.

**Routes of Exposure:** Inhalation (mist), ingestion, eyes, and skin.

**Acute Toxicity Lethal Doses (ATE):**

LD50 (oral) No data available

LC50 (inhl) No data available

LD50 (skin) No data available

**Health Hazards:**

**Acute:** May cause eye irritation. Inhalation of vapor/mist may irritate nose and throat. Ingestion of large quantities may cause nausea, headache, dizziness, and kidney damage.

**Chronic:** Prolonged and repeated exposures may cause skin irritation. Repeated ingestion or swallowing large amounts may cause internal injury.

**Skin Contact:** Prolonged or repeated contact may cause mild irritation.

**Eye Contact:** Direct contact may cause mild eye irritation.

**Inhalation (mist):** May cause mild irritation.

**Ingestion:** May cause nausea, abdominal discomfort.

**Carcinogen:** No.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

## Section 12 Ecological Data

**Acute (Based on 100% Sodium Silicate)**

**Acute Toxicity to Fish:** No data available

**Acute Toxicity to Aquatic Invertebrates:** No data available

**Toxicity to Aquatic Plants:** No data available

**Toxicity to Microorganisms:** No data available

**Chronic Toxicity to Fish:** No data available

**Chronic Toxicity to Aquatic Invertebrates:** No data available

**Persistence and Degradability:** Not persistent in aquatic environments

**Bioaccumulation Potential:** This material does not bioaccumulate

**Mobility in the Soil:** Expected to move slowly in soil and water

**Other Adverse Effects:** None established

## Section 13 Disposal Information

**Waste Disposal Method:** Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with all Federal, State, and Local regulations.

## Section 14 Transport Information

**Proper Shipping Name:** Non-Regulated Material

**Marine Pollutant:** No

## Section 15 Regulatory Information

**SARA 311/312:** Acute

### CHEMICAL INVENTORIES

All ingredients of this product are listed or are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**California Proposition 65 Carcinogens and Reproductive Toxins:** None

**Canadian WHMIS Classification:** Not classified

## Section 16 Additional Information

**The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.**

The information on this SDS is provided in good faith in the interest of product safety and believed to be accurate to the best of our knowledge. However, ChromaScape makes no guarantee and assumes no liability for the data contained. Users should conduct their own research regarding suitability for their purposes. Nothing contained in this SDS should be misconstrued as permission to violate any regulation. End users should follow all local, state, national and international regulations as apply.

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