CONCRETE RESTORATION PRODUCTS

SAFETY DATA SHEET (SDS)

DH-9 HIGH SOLIDS – Lithium Densifier & Hardener

Product Name: DH-9 High Solids – Lithium Densifier & Hardener
Manufacturer: Concrete Restoration Products (CRP)
Phone: 855-846-8277
Emergency Phone: CHEMTREC 1-800-424-9300
Date Issued: April 2026

SECTION 1: Identification

Product Identifier: DH-9 High Solids – Lithium Densifier & Hardener
Recommended Use: Concrete densifier and hardener
Restrictions: For professional/industrial use only

SECTION 2: Hazard(s) Identification

Classification (GHS):

- Skin Irritation – Category 2
- Eye Damage – Category 1

Signal Word: WARNING
Hazard Statements:

- Causes skin irritation
- Causes serious eye irritation

Precautionary Statements:

- Wear protective gloves and eye protection
- Wash thoroughly after handling
- Avoid contact with eyes and skin

SECTION 3: Composition / Information on Ingredients

Component	CAS No.	% (Range)
Water	7732-18-5	Balance
Proprietary	12627-14-4	55–65%
Proprietary	31795-24-1	1–5%
Proprietary	169117-72-0	<1%

SECTION 4: First-Aid Measures

Eye Contact:
Flush with water for 15 minutes. Seek immediate medical attention if irritation persists.
Skin Contact:
Wash with soap and water. Remove contaminated clothing.

Inhalation:
Move to fresh air. Seek medical attention if symptoms persist.

Ingestion:
Do NOT induce vomiting. Seek medical attention immediately.

SECTION 5: Fire-Fighting Measures

Flammability:
Non-flammable

Suitable Extinguishing Media:
Water spray, foam, dry chemical

Hazards:
May release irritating vapors if heated

SECTION 6: Accidental Release Measures

- Wear PPE
- Contain spill
- Absorb with inert material
- Avoid release to drains
- Clean residue with water

SECTION 7: Handling and Storage

Handling:

- Avoid contact with skin and eyes
- Use proper PPE

Storage:

- Store between 40°F – 100°F
- Store in tightly sealed containers
- Do not freeze
- Avoid extreme heat

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls:
Use adequate ventilation, showers, eyewash stations

PPE:

- Safety glasses
- Chemical-resistant gloves
- Protective clothing as needed

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SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	Clear to slightly hazy liquid
Odor	Mild
pH	10.5–12.5
Boiling Point	~212°F
Specific Gravity	~ 1.10–1.12
Solubility	Water Soluble
VOC Content	0 g/L

SECTION 10: Stability and Reactivity

- Stable under normal conditions
- Avoid strong acids
- No hazardous polymerization

SECTION 11: Toxicological Information

- May cause irritation to skin and eyes
- Prolonged exposure may cause dryness or irritation

SECTION 12: Ecological Information

- Avoid release into environment
- Not expected to be highly toxic

SECTION 13: Disposal Considerations

Dispose per local, state, and federal regulations

SECTION 14: Transport Information

DOT: Not regulated

UN Number: Not applicable

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SECTION 15: Regulatory Information

TSCA: Complies

OSHA: Hazardous chemical

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories:

Acute health hazard Yes

Chronic Health Hazard No

Fire hazard No

Sudden release of pressure hazard No

Reactive Hazard No

California Proposition 65: This product does not contain any Proposition 65 chemicals

SECTION 16: Other Information

This product is intended for professional use.

Information provided is believed accurate but not guaranteed.

NFPA

Health hazards 2, Flammability 0, Instability 0, Physical and chemical properties -

HMIS

Health hazards 2, Flammability 0, Physical hazards 0, Personal protection X