



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: VIPER CONCRETE & STONE DENSIFIER  
CH50

## SECTION 1: COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: Viper Concrete & Stone Densifier

**Manufacturer:**

Hydro-Force Manufacturing, 4282 S 590 W, Salt Lake City, Utah 84123

Company Phone Number: 801-268-2673

Emergency Phone Number: 1-800-535-5053 (Infotrac)

Date Prepared: 6/237/2011

Hazard Rating (Zero=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Fire: 0 Health: 2 Reactivity: 1

## SECTION 2: INGREDIENTS

<u>HAZARDOUS INGREDIENTS:</u>	<u>TLV</u>	<u>OSHA PEL</u>
Silica, Amorphous (CAS 112926-00-8)	N/E	80 mg/M <sup>3</sup>
Lithium Hydroxide (CAS # 1310-66-3)	N/E	N/E

## SECTION 3: HEALTH HAZARD INFORMATION

**Permissible exposure limit:** None established for this product.

**OSHA exposure limit:** None established for this product.

**Primary routes of entry:** Ingestion, Inhalation, eye contact.

**Effects of overexposure:**

**Ingestion:** No Known Effects, consult a physician

**Inhalation:** May cause irritation of upper respiratory tract.

**Eye Contact:** May cause irritation.

**This Product does not contain any substance listed as a carcinogen by NTP, IARC, or OSHA.**

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**SECTION 4: EMERGENCY AND FIRST AID PROCEDURES**

**INGESTION:** Not expected to be toxic. Never give an unconscious person anything to ingest. If swallowed, immediately give two glasses of water, Seek Medical attention if ill effects develop.

**INHALATION:** May cause irritation. Remove to fresh air and provide oxygen. If not breathing, give artificial respiration. Seek medical attention if irritation persists.

**EYE CONTACT:** In case of contact, flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

**SKIN CONTACT:** May cause irritation. Wash affected area with soap and water. Remove contaminated clothing and shoes. Seek medical attention if irritation persists.

**SECTION 5: FIRE, EXPLOSION & REACTIVITY DATA**

**Flash Point:** Will not flash                      **Unusual fire and explosion hazards:**                      None

**LEL:** Not applicable                                      **Special fire fighting procedures:**                      None

**UEL:** Not applicable

**Flammability class:** Not applicable

**Extinguishing media:** Not applicable

**Special Fire Fighting Procedures:** None

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Steps to be taken in case material is released or spilled:

**Spill -** Absorb with an inert material and place in an appropriate waste disposal container.

**Waste Disposal Method:** Sanitary landfill or sewer. Observe all environmental regulations, Federal, State, and Local regulations.

**THIS PRODUCT WHEN SPILLED OR DISPOSED OF IS A NON-HAZARDOUS WASTE AS DEFINED IN RCRA REGULATION (40CFR 261).**

**SECTION 7. PRECAUTIONS FOR HANDLING AND STORAGE**

**General Handling:**

Avoid breathing vapor, aerosol and mist.

Do not swallow.

Keep container closed.

Use with adequate ventilation.

Wash thoroughly after handling

**Ventilation:**

General mechanical room ventilation is expected to be satisfactory.. Local ventilation is needed in the presence of airborne mists.

**Storage:**

**Product may freeze if stored below 32°F. Product damage will occur if frozen.**

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ventilation:** Use adequate ventilation to keep airborne concentrations below the exposure standard.

**Respiratory Protection:** Use respirator in heavy mist locations.

**Other Personal Protection:** Use as desired.

**SECTION 9: PHYSICAL DATA**

<b>Boiling Point</b>	212° F	<b>Freeze Point</b>	32°F
<b>Evaporation</b>	Same as Water	<b>Odor</b>	Mild
<b>Vapor Pressure</b>	Same as Water	<b>Appearance</b>	Milky Fluid
<b>Vapor Density</b>	Unavailable	<b>S.G.</b>	1.04 +/- 0.05
<b>V.O.C.</b>	None	<b>Weight</b>	8.7 lbs/gal
<b>Solubility</b>	Infinite	<b>pH</b>	11.0

**SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibility:** Acidic, Cationic, and salt materials may gel the product.

**Conditions to avoid:** Do not mix with other material unless advised by supplier.

**Freezing conditions will damage product.**

**Hazardous decomposition products:** None.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Not Established

**SECTION 12. ECOLOGICAL INFORMATION**

Not Established

**SECTION 13. DISPOSAL CONSIDERATIONS**

Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be reused or flushed into a waste treatment sewer where local regulations permit. Larger quantities should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations. **All disposal must be in accordance with all federal, state and local regulations.**

**SECTION 14. TRANSPORTATION**

No restrictions for Ground, Air, or Maritime Transportation in accordance with 49 CFR parts 100-185.

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**SECTION 15. REGULATORY INFORMATION**

**US FEDERAL REGULATIONS**

**TSCA Status:** The intentional components of this product are listed.

**SECTION 16. OTHER INFORMATION**

This product has no established regulatory information. All regulatory information given is based on individual components of the mixture by component number. While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. HYDRO-FORCE MANUFACTURING MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A= Not applicable N/D= Not determined N/E= Not established