

Material 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.

HMIS SYMBOL		HMIS		NFPA		NFPA RATING	
HEALTH	2	SEVERE	4	EXTREME	FIRE	0	
FLAMMABILITY	0	SERIOUS	3	HIGH	REACTIVITY	1	
REACTIVITY	1	MODERATE	2	MODERATE	TOXICITY	2	
		SLIGHT	1	SLIGHT	SPECIAL		
		MINIMAL	0	INSIGNIFICANT			

NE = Not Established; NA = Not Applicable

Evaluation for OSHA HCS Hazardous Non-Hazardous

I. GENERAL INFORMATION

Product Name DENSICRETE	Emergency Telephone Number 1-800-535-5053
Chemical Family MIXTURE	Telephone Number for Information 770-479-1764
Manufacturer EZCHEM, Inc. 141 RAILROAD St., SUITE 117 CANTON, GA 30114	Date Prepared 4-4-08
	Signature of Preparer Robert Levetan
	Date Last Revised

II. HAZARDOUS INGREDIENTS

Principal Hazardous Components	Threshold Limit Value (Units)
Silicic acid, lithium salt (12627-14-4)	NE

III. PHYSICAL DATA

Boiling Point (°F)	~100° C	Specific Gravity (H₂O=1)	~1.1
Vapor Pressure (mm Hg)	NE	Percent Volatile By Volume	NA
Vapor Density (Air=1)	>1	Evaporation Rate (H₂O=1)	NE
Solubility in Water	Miscible	pH	10-11

Appearance & Odor: Colorless and odorless liquid

IV. FIRE & EXPLOSION HAZARD DATA

Flash Point (Test Method): None – non-flammable

Flammable Limits: LEL NA UEL NA

Extinguishing Media: Same as for surrounding materials

Special Fire Fighting Procedures: Spilled material will make floors slippery.

Unusual Fire & Explosion Hazards: None known

V. HEALTH HAZARD DATA

OSHA Permissible Exposure Limit NE

ACGIH Threshold Limit Value NE

Carcinogen - NTP Program NO

Carcinogen - IARC Program NO

Symptoms of Over Exposure: Causes moderate eye irritation, moderate skin irritation, and digestive tract irritation. Spray mist causes irritation to respiratory tract.

Medical Conditions Aggravated by Exposure: None Known

Primary Route(s) of Entry: Skin

Emergency First Aid: EYES: Flush thoroughly with water for 15 minutes, lifting both eyelids. If irritation persists, GET MEDICAL HELP. **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.

INHALATION: Remove to fresh air. If breathing difficulties occur, GET MEDICAL HELP.

VI. REACTIVITY DATA

Stability

Unstable Stable

Conditions to Avoid: Do not leave container open in storage.

Incompatibility

Materials to Avoid: Acids, reactive materials, and ammonium salts.

Hazardous Polymerization

Yes No

Conditions to Avoid: NA

Hazardous Decomposition Products: Hydrogen if exposed to reactive metals.

VII. ENVIRONMENTAL PROTECTION PROCEDURES

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 Method: Dispose of as non-hazardous waste.

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection: Goggles

Skin Protection: Chemical resistant gloves

Respiratory Protection (Specific Type): NA

Ventilation Recommended:

General Mechanical

Local Exhaust

Other Protection: NA

Hygienic Practices in Handling & Storage: Wash hands after handling. Do not contaminate food or feed stuff.

Precautions for Repair & Maintenance of Contaminated Equipment: Rinse well with water.

Other Precautions: Store in original closed container, separate e from acids, reactive metals and ammonium salts.

IX TRANSPORT INFORMATION

Identification Number

NA --- Non-hazardous

Proper shipping name

NA

Class/Division

NA

Packaging Group

NA