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EMERGENCY PHONE NO.- CHEMTREC: 1-800-424-9300

Date: January 1, 2011

A. Product Identification

Product: **DSC CEMENT RETARDER (LIQUID)**
Synonyms: Cement additive
Chemical Name: Mixture
Chemical Family: Mixture
Chemical Formula: Mixture
CAS Reg. No.: Mixture
Product No.: Not Established

Product and/or Components Entered on EPA's TSCA Inventory: YES

This product is in U.S. commerce, and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals; hence, it may be subject to applicable TSCA provisions and restrictions.

B. Components

Ingredients	CAS Number	% By Wt.	OSHA PEL	ACGIH TLV
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The specific chemical identity of this material is being withheld as a trade secret. In accordance with the provisions of 29 CFR Part 1910.1200 (i), it will be provided to a health professional when requested, and/or to a physician or nurse in a medical emergency through utilization of the above Emergency Telephone Number.

See Section F, for Recommended Exposure Limits.

C. Personal Protection Information

Ventilation: Use adequate ventilation to control concentration below recommended exposure limits.

Respiratory Protection: Use NIOSH approved single-use dust respirator.

Eye Protection: Use safety glasses with side shields.

Skin Protection: Use gloves resistant to the material being used. (Rubber or neoprene).

NOTE: Personal protection information shown in Section C is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

Product: DSC Cement Retarder

D. Handling and Storage Precautions

Avoid contact with eyes, skin or clothing. Avoid breathing vapors, mist, fume or dust. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Wash thoroughly after handling. Launder contaminated clothing before reuse. Use with adequate ventilation.

Store in well-ventilated area. Store in closed container.

E. Reactivity Data

Stability: Stable
Conditions to Avoid: Not Applicable
Incompatibility (Materials to Avoid): Strong oxidizing materials

Hazardous Polymerization: Will Not Occur
Conditions to Avoid: Not Applicable
Hazardous Decomposition Products: Carbon oxides and sulfur dioxide

F. Health Hazard Data**Recommended Exposure Limits:**

Control as Particulate Not Otherwise Classified (PNOC) or Regulated:

OSHA	ACGIH
PEL	TLV*

Not applicable

* The value is for inhalable (total) particulate matter containing no asbestos and <1% crystalline silica.

Acute Effects of Overexposure:

Eye: No effects from overexposure are known.

Skin: No effects from overexposure are known.

Inhalation: No effects from overexposure are known.

Ingestion: Ingested material is of very low toxicity.

Subchronic and Chronic Effects of Overexposure:

No known applicable information.



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Other Health Effects:

Product: DSC Cement Retarder

No known applicable information.

Health Hazard Categories:

	Animal	Human		Animal	Human
Known Carcinogen	___	___	Toxic	___	___
Suspect Carcinogen	___	___	Corrosive	___	___
Mutagen	___	___	Irritant	___	___
Teratogen	___	___	Target Organ Toxin	___	___
Allergic Sensitizer	___	___	Specify - No known applicable		
Highly Toxic	___	___	information.		

First Aid and Emergency Procedures:

Eye: Flush eyes with running water. If irritation or adverse symptoms develop, seek medical attention.

Skin: Wash skin with soap and water. If irritation or adverse symptoms develop, seek medical attention.

Inhalation: Remove from exposure. If illness or adverse symptoms develop, seek medical attention.

Ingestion: If illness or adverse symptoms develop, seek medical attention.

G. Physical Data

Appearance: Brown liquid slurry
 Odor: Slight
 Boiling Point: 219f (104c)
 Vapor Pressure: 14.2 psia @ 68F (20c)
 Vapor Density (Air = 1): Not established
 Solubility in Water: Complete
 Specific Gravity (H2O = 1): 1.2590
 Percent Volatile by Weight: Not Established
 Evaporation Rate (Butyl Acetate = 1): Not Established
 Viscosity: Not Established

H. Fire and Explosion Data

Flash Point (Method Used): Not Applicable
 Flammable Limits (% by Volume in Air): LEL - Not Applicable
 UEL - Not Applicable

Product: DSC Cement Retarder

Fire Extinguishing Media: Dry chemical, foam or carbon dioxide (CO2)

Special Fire Fighting Procedures: Evacuate area of all unnecessary personnel. Shut off source, if possible. Wear protective equipment and/or garments described in Section C if conditions warrant. Water fog or spray may be used to cool exposed equipment and containers. Use of water may create slick surfaces.

Fire and Explosion Hazards: Carbon oxides and Sulfur oxides formed when burned.

I. Spill, Leak and Disposal Procedures

Precautions Required if Material is Released or Spilled:

Evacuate area of all unnecessary personnel. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Shut off source, if possible and contain spill. Protect from ignition. Keep out of water sources and sewers. Absorb in dry, inert material (sand, clay, etc.) and transfer to disposal container using non-sparking equipment.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations):
Incinerate or place in permitted waste management facility.

J. DOT Transportation

Shipping Name: Not Regulated
Hazard Class: Not Regulated
ID Number: Not Regulated
Packing Group: Not Regulated
Marking: Not Regulated
Label: Not Regulated
Placard: Not Regulated
Hazardous Substance/RQ: Not Regulated
Shipping Description: Not Regulated
Packaging References: Not Regulated

K. RCRA Classification - Unadulterated Product as a Waste

Prior to disposal, consult your environmental contact to determine if TCLP (Toxicity Characteristic Leaching Procedure, EPA Test Method 1311) is required. Reference 40 CFR Part 261.



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L. Protection Required for Work on Contaminated Equipment

Contact immediate supervisor for specific instructions before work is initiated. Wear protective equipment and/or garments described in Section C if exposure conditions warrant.

M. Hazard Classification

This product meets the following hazard definition(s) as defined by the Occupational Safety and Health Hazard Communication Standard (29 CFR Section 1910.1200):

- Combustible Liquid Flammable Aerosol Oxidizer
- Compressed Gas Explosive Pyrophoric
- Flammable Gas Health Hazard (Section F) Unstable
- Flammable Liquid Organic Peroxide Water Reactive
- Flammable Solid

Based on information presently available, this product does not meet any of the hazard definitions of 29 CFR Section 1910.1200.

N. Additional Comments

SARA 313

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

NFPA 704 Hazard Codes - - - - - Signals

Health	: 0	Least	- 0
Flammability:	0	Slight	- 1
Reactivity	: 0	Moderate	- 2
Special Haz.:	-	High	- 3
		Extreme	- 4

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