



# MATERIAL SAFETY DATA SHEET

## Synthetic Concrete Foam

Date Prepared (August 1, 2006)

### Section 1: CHEMICAL PRODUCT/COMPANY IDENTIFICATION

#### Material Identification

Product: Mearl Geofoam™ Pervious Foam Liquid Concentrate

Synonyms: Synthetic Detergent

CAS No: Mixture – No single CAS No. applicable

#### Company Identification

Cellular Concrete Solutions

7020 Snowdrift Road

Allentown, PA 18106

Telephone No.: 610.398.7833

Emergency Telephone No.: 888.235.5015

### Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.
Water	7732-18-5
2-Methoxymethylethoxy Propanol	34590-94-8
Proprietary mixture of synthetic detergents	No single CAS# applicable

### Section 3: HAZARDDS IDENTIFICATION

#### **Eye Contact**

Product is an eye irritant

#### **Carcinogenicity**

No data available

#### **Inhalation**

No data available

#### **Skin contact**

Contact with liquid may cause moderate irritation or dermatitis due to removal of oils from the skins

### Section 4: FIRST AID MEASURES

#### **Eye Contact**

In case of eye contact, immediately flush eyes with water for 15 minutes. Retract eyelids often to ensure thorough rinsing. Contact a physician if irritation persists.

#### **Ingestion**

Do not induce vomiting unless directed to do so by a physician. Give milk or water. Never administer anything by mouth to an unconscious person. Seek medical attention.

#### **Inhalation**

No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of airborne aerosol mists, remove to fresh air. Seek medical attention if effects occur.

#### **Skin contact**

In case of skin contact, wash off in flowing water or shower. Launder clothing before reuse.



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### Section 5: FIRE FIGHTING MEASURES

Not flammable under normal conditions of use. Avoid Contact with reactive material, burning metals, and electrical energized equipment. Use extinguishing media appropriate for surrounding materials. This product will foam when mixed with water. Self contained breathing apparatus (SCBA) and full protective equipment recommended when fire fighting.

### Section 6: ACCIDENTAL RELEASE MEASURES

Stop flow if possible. Use appropriate protective equipment during clean up. For any releases, collect spilled concentrate with absorbent material; place in approved container and disposed. Disposal should be made in accordance with federal, state, and local regulations. Prevent discharge of concentrate to waterways.

### Section 7: HANDLING AND STORAGE

Recommended storage environment is between 35°F (2°C) and 120°F (49°C). Store product in original shipping container or containers designed for product storage.

### Section 8: EXPOSURE CONTROLS

#### Exposure Limits

(2-Methoxymethylethoxy) Propanol (4590-94-8)

#### PEL (OSHA)

100ppm, 8hr TWA Skin  
150ppm, 15min STEL Skin

#### TLV (ACGIH)

100ppm, 8hr TWA Skin  
150ppm, 15min STEL Skin

#### Personal Protective Equipment

Safety glasses, face shield, or chemical splash goggles must be worn when possibility exist for eye contact. Contact lenses should not be worn. Rubber or PVC gloves recommended. Wash hands before eating, drinking, smoking, or using the toilet facilities. Promptly remove soiled clothing and wash thoroughly before re-use.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Physical Data

Boiling Point: Not applicable  
Vapor Pressure: Not Applicable  
Vapor Density: Not Applicable  
Melting Point: Not Applicable  
Evaporation Rate: < (Butyl Acetate = 1.0)

Specific Gravity @ 25°C: 1.04  
Freezing Point : Not applicable  
pH: 7.5  
Odor: Bland  
Form: Liquid  
Color: Yellow



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### Section 10: STABILITY AND REACTIVITY

Avoid use of product on burning metals, electrically energized equipment, and contact with water reactive materials. The chemical is stable and will not polymerization.

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### Section 11: TOXICOLOGICAL INFORMATION

This product has not been tested as a whole for acute oral and inhalation toxicity, primary eye irritation, or primary skin irritation.

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### Section 12: ECOLOGICAL INFORMATION

BOD <sub>5</sub>	No data available
COD	No data available

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### Section 13: DISPOSAL CONSIDERATION

This product is not RCRA-listed waste or hazardous waste as characterized by 40 CFR 261. However, state and local requirements for waste disposal may be more restrictive or otherwise different from Federal regulations. Therefore, applicable state and local regulatory agencies should be contacted regarding disposal of material.

Do not discharge into biological sewer treatment systems without prior approval. Specific concerns may be high BOD load and foaming tendency. Dilution will reduce BOD and COD factors proportionately. Low dosage flow rate or antifoaming agents acceptable to the treatment plant may be helpful.

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### Section 14: TRANSPORTATION INFORMATION

Shipping Class:	55
Hazard Class:	None
UN Number:	None



### Section 15: REGULATORY INFORMATION

#### U.S Federal Regulations

All components of this product are listed in TSCA inventory

#### **Superfund Amendments and Reauthorization Act 1986 (SARA), Title III**

##### **Section 302/304**

There are no components of this material with known CAS numbers that are on the Extremely Hazardous Substances (EHS) list.

##### **Section 311/312**

Based on available information, this material contains the following components which are classified as the following health and/or physical hazards:

(2-Methoxymethylethoxy) Propanol 34590-94-8 (Flammability)

##### **Section 313**

This material does not contain any chemical components subject to this section.

#### State Regulations

##### **Pennsylvania Right-to-Know Hazardous Substances List**

(2-Methoxymethylethoxy) Propanol 34590-94-8

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### Section 16: OTHER INFORMATION

#### **NFPA Rating**

Health: 1  
Flammability: 0  
Reactivity: 0

#### **WHMIS Rating**

D2B

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Revision 6/26/08 Temporary Issue

For Further information, consult Cellular Concrete Solutions

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