

# MATERIAL SAFETY DATA SHEET



MSDS No: PAVE-IT™

Date Issued:08/01/08

## PAVE-IT™

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PAVE-IT™

### 24 EMERGENCY TELEPHONE NUMBERS

24-Hour Emergency Hotline - CHEMTREC:

From outside the U.S.: 00+1.703.527.3887

From within the U.S.: 1-800-424-9300

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Slightly viscous liquid.

**IMMEDIATE CONCERNS:** None

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CARCINOGENICITY:** Not listed by NTP. Not Listed by IARC. Not Listed by OSHA.

**ROUTES OF ENTRY:** Eyes, skin, ingestion and inhalation

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS</u>
Water-based non-hazardous proprietary mixture		

### 4. FIRST AID MEASURES

**EYES:** Flush eyes with plenty of water. If irritation develops, seek medical attention.

**SKIN:** Remove from skin with soap and water.

**INGESTION:** If a large amount is ingested, seek medical attention.

**INHALATION:** it is advisable to wear a particle

### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** >(200°F) Closed Cup

**EXTINGUISHING MEDIA:** Water spray, carbon dioxide, dry chemical

**FIRE FIGHTING PROCEDURES:** This product is a nonflammable substance. However, hazardous decomposition and combustion products may be formed

in a fire situation.

**PAVE-IT™**

## 6. ACCIDENTAL RELEASE MEASURES

**COMMENTS:** Spill response: If spilled indoors, obtain approval from local wastewater treatment plant to rinse down the drain. If spilled outside, either recover product, or flush area with water to dilute and disperse. If in an area where you do not desire dust control, absorb material and dispose of according to local, state, and federal regulations.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Read MSDS before using this product.

**STORAGE:** Avoid freezing. If possible, store at room temperature.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Although this product is non-hazardous, it is safe practice to wear safety glasses and a particulate mask when working around a high concentration of airborne droplets.

**SKIN:** Gloves are not required under normal conditions. Take into consideration how the product is being used and hazards associated with other materials used in conjunction with this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	Liquid
<b>ODOR:</b>	Slight fatty odor.
<b>COLOR:</b>	Colorless or slightly yellow
<b>pH:</b>	7 to 8
<b>SOLUBILITY IN WATER:</b>	Infinitely soluble
<b>SPECIFIC GRAVITY:</b>	1.05 g/cc

## 10. STABILITY AND REACTIVITY

**STABILITY:** The product is stable under normal ambient conditions of temperature and pressure.

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Temperatures above 200° C (392°F).

**HAZARDOUS DECOMPOSITION PRODUCTS:** Irritating and toxic fumes at elevated temperatures from burning, heating or reaction with other materials.

**INCOMPATIBLE MATERIALS:** Oxidizing agents (i.e. perchlorates, nitrates etc.)  
**PAVE-IT™**

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Information representative of the major component indicates that the powder and aqueous solutions are slightly irritating to rabbit eyes, irritation subsided by 48 hours after exposure.

**SKIN EFFECTS:** In powder form the major component, polyvinyl alcohol, was nonirritating to rabbit skin. In aqueous solution, slight irritation to rabbit skin was noted. Not a skin sensitizer in guinea pigs when dosed as a 10% aqueous solution.

**CARCINOGENICITY:** Notes: Not listed by IARAC, NTP or OSHA as a carcinogen.

### 12. ECOLOGICAL INFORMATION

**COMMENTS:** The acute exposure result for biological acute toxicity at a typical 8:1 dilution is as follows:

Earthworm: 7-day LC50 > 10,000 mg/L 14-day LC50 > 10,000 mg/L

Daphnia magna: 24-hr EC50 > 8,000 mg/L 48-hr EC50 2,732 mg/L 48-hr NOEC  
 2,000 mg/L

Fathead minnow: 48-hr LC50 4,925 mg/L 96-hr NOEC 4,000 mg/L

Green Alga P, Subcapita: 72-hr LC50 190 mg/L 72-hr NOEC 75 mg/L

### 13. ECOLOGICAL INFORMATION

**DISPOSAL METHOD:** Product is water-soluble and non-hazardous. Product is normally accepted by local wastewater treatment plants. Obtain prior approval before disposal. For large quantities: reclaim, dilute and disperse (If in dust suppressant application area), or absorb and place in waste containers for disposal.

### 14. TRANSPORT INFORMATION

**COMMENTS:** Not regulated by DOT, IATA, IMDG or ADR.

### 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III**

**(SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**FIRE:** No

**PRESSURE GENERATING:** No

**REACTIVITY:** No

**ACUTE:** No

**CHRONIC:** No

### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** We certify that all components are either on the TSCA inventory or qualify for an exemption.

### 16. OTHER INFORMATION

**REASON FOR ISSUE:** Revision

**APPROVED BY:** Andrew Verrall **TITLE:** Director of Research & Development

**PREPARED BY:** Melanie C. Kroczek, CHMM

**INFORMATION CONTACT:** Melanie C. Kroczek

**REVISION SUMMARY:** Revision #: 6 This MSDS replaces the March 31, 2006

**MSDS.** Any changes in information are as follows: In Section 1 24 Hour Emergency Phone Numbers In Section 2 Emergency Overview - Immediate Concerns

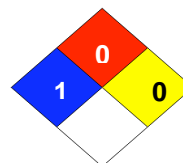
Physical Appearance In Section 4 Firstaid - Ingestion Firstaid - Inhalation

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In Section 5 Flammable Class Flash Point (Operator) Flash Point ° F (From) Flash Point Method Fire Fighting Equipment Combustion Products General Hazards in Section 6 Small Spill Large Spill Comments In Section 7 Handling Storage General Procedures In Section 8 Skin Protection Eyes-Face Protection Respiratory Protection Work Hygienic Practices Comments In Section 9 Appearance Color Odor (Group Field) for pH (Group Field) for Specific Gravity VOC (Unit) (VOC) (wt%) (Operator) VOC (From) In Section 10 Stability (Y/N)? Hazardous Polymerization (Y/N)? In Section 11 Carcinogenicity IARC NTP OSHA Acute in Section 12 Environmental Data Comments In Section 13 Disposal In Section 14 DOT Proper Shipping Name IMO Proper Shipping Name AIR Proper Shipping Name Comments TDG Proper Shipping Name ADR - Shipping Name In Section 15 Accute TSCA Regulatory TSCA Status Regulations: State

**HMIS RATING**

<b>HEALTH:</b>	<b>1</b>
<b>FLAMMABILITY:</b>	<b>0</b>
<b>PHYSICAL HAZARD:</b>	<b>0</b>
<b>PERSONAL PROTECTION:</b>	<b>B</b>



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