

## MATERIAL SAFETY DATA SHEET

Date of Revision: August 2004

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**NOT HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE**

### 1. IDENTIFICATION

Product Name: SpillFix Natural Zeolite - Zeosorb  
 Other Names: Mineral Sponge  
 Product Code: N/A  
 UN Number: None allocated  
 Dangerous Goods Class: None allocated  
 Secondary Risk: None allocated  
 Hazchem Code: None allocated  
 Pack Group: None allocated  
 EPG: None allocated  
 Poisons Schedule: None allocated  
 Uses: Industrial liquid an vapour absorbent

#### 1.1 PHYSICAL DESCRIPTION/PROPERTIES

Appearance:	Cream coloured granules		
Boiling Point (°C):	N/A	Melting Point (°C):	N/A
Vapour Pressure:	N/A Mm Hg (1 atm)	Specific Gravity (water = 1):	.65
Flash Point (°C):	N/A	Flammability Limits (as % volume in air)	
Solubility in Water:	Insoluble G/l (25°C)	Lower Explosion Limit:	N/A
pH (@ 10% solution):	N/A	Upper Explosion Limit:	N/A

#### 1.2 OTHER PROPERTIES

Not effective in removing ethylene

#### 1.3 INGREDIENTS

Chemical Entity	C.A.S. N <sup>o</sup>	Proportion
Zeolites (Clinoptilolite + Mordenite)	Not applicable	40-75%
Smectite	Not applicable	10-30%
Opal C <sub>1</sub>	Not applicable	15-30%

#### 1.4 TYPICAL CHEMISTRY

SiO <sub>2</sub>	71.54%
Al <sub>2</sub> O <sub>3</sub>	18.44%
K <sub>2</sub> O	2.66%
CaO	1.75%
Na <sub>2</sub> O	1.75%
Plus trace elements	

### 2. HEALTH HAZARD INFORMATION

#### 2.1 HEALTH EFFECTS - ACUTE

Swallowed: Material is inert however is highly absorbent and could cause dehydration if large amounts are consumed  
 Eye: Can cause mechanical irritation to eyes.  
 Skin: Can cause mechanical irritation to skin.  
 Inhaled: Inhalation can cause irritation to the respiratory tract.

#### 2.2 HEALTH EFFECTS - CHRONIC

No data available.

#### 2.3 FIRST AID

Swallowed: No known adverse effects if ingested in small quantities.  
 Eye: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes holding the eyelid(s) open. Seek medical attention if necessary.  
 Skin: Remove all contaminated clothing and launder before re-use. Immediately wash contaminated skin with soap and water.  
 Inhaled: If inhaled, remove to fresh air and keep victim calm. Seek medical attention if acute reaction.

#### 2.4 FIRST AID FACILITIES

Ensure an eye bath and safety shower is available and ready to use.

#### 2.5 ADVISE TO DOCTORS

Treat symptomatically based on the judgement of doctor and individual reactions of patient.

#### 2.6 TOXICITY DATA

No data available.

### 3. PRECAUTIONS FOR USE

#### 3.1 Exposure Standards:

Nuisance dust, no exposure standards set for Zeolite

#### 3.2 Engineering Controls:

Engineering control methods including adequate mechanical ventilation to reduce hazardous exposures are preferred.

#### 3.3 Personal Protection

Respirator – use a NIOSH/MSHA – approved dust type respirator.  
 Eye protection – use safety glasses or goggles.  
 Gloves – Not applicable  
 Garments – Not applicable  
 Avoid wearing contact lenses. Always wash hands before eating, drinking, smoking or using toilet.

### 3.4 Flammability:

Non flammable

## 4. SAFE HANDLING INFORMATION

### 4.1 Storage / Transport

Store in cool dry ventilated storage area and away from foodstuffs.

### 4.2 Packaging / Labelling

Sealed plastic containers.

U.N. N <sup>o</sup> :	N/A	Class:	N/A	Sub Risk:	N/A
Hazchem Code:	N/A	Pack Group:	N/A	EPG N <sup>o</sup> :	N/A
Shipping Name:	Natural Zeolite				
Hazard:	Not applicable				

### 4.3 SPILLS & DISPOSAL

Spills:

Restrict access to area, remove chemicals that can react with spilled material and avoid dust.

Soil release – shovel and sweep up.

Water spills – not applicable.

Air spills – keep upwind and treat as above.

Occupational spills – shovel and sweep up.

Disposal (after treatment above)

Waste material should be disposed in accordance with local, state, and national EPA regulations.

### 4.4 FIRE & EXPLOSION HAZARD

Fire / Explosion

No known explosion hazard or hazardous combustion product for virgin material.

Extinguishing Media

Not applicable.

## 5. OTHER INFORMATION

### 5.1 OTHER INFORMATION

### 5.2 CONTACT POINTS

ORGANISATION	LOCATION	TELEPHONE	ASK FOR
SpillFix Solutions Pty Limited Poisons Information Centre	Beresfield NSW Westmead	1800 991 709 131126	Technical Officer

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The information given in this data sheet is to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and is the user's responsibility to satisfy them selves that they are suitable and complete for their purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.