

**MATERIAL SAFETY DATA SHEET: ZEOLITE****Issue Date:** 1<sup>st</sup> August 2012**1. IDENTIFICATION OF THE SUBSTANCE/PREPARTION/COMPANY/UNDERTAKING**

**Product Name:** Global Zeolite

**Other Names:** ZEOLITE

**Uses:** Industrial liquid and vapour absorbent

**Company Details:** Global Spill Control Pty Ltd  
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**2. HAZARDS IDENTIFICATION**

NON HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical Entity</u>	<u>C.A.S. N°</u>	<u>Proportion</u>
Zeolites (Clinoptilolite + Mordenite)	Not applicable	40-75%
Smectite	Not applicable	10-30%
Opal C1	Not applicable	15-30%
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		

#### 4. FIRST AID MEASURES

<b>Swallowed:</b>	No known adverse effects if ingested in small quantities.
<b>Eye:</b>	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes holding the eyelid(s) open. Seek medical attention if necessary.
<b>Skin:</b>	Remove all contaminated clothing and launder before re-use. Immediately wash contaminated skin with soap and water.
<b>Inhaled:</b>	If inhaled, remove to fresh air and keep victim calm. Seek medical attention if acute reaction.
<b>Advice to Doctor:</b>	Treat symptomatically based on the judgment of doctor and individual reactions of patient.
<b>First Aid Facilities:</b>	Ensure an eye bath and safety shower is available and ready to use.

#### 5. FIRE FIGHTING MEASURES

<b>Flammability:</b>	Non Flammable.
<b>Fire / Explosion:</b>	No known explosion hazard or hazardous combustion product for virgin material.
<b>Extinguishing Media:</b>	Not applicable.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Spills:</b>	Restrict access to area, remove chemicals that can react with spilled material and avoid dust.
<b>Soil release:</b>	Shovel and sweep up.
<b>Water spills:</b>	Not applicable.
<b>Air spills:</b>	Keep upwind and treat as above.
<b>Occupational spills:</b>	Shovel and sweep up.

#### 7. HANDLING AND STORAGE

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

<b>Engineering Controls:</b>	Engineering control methods including adequate mechanical ventilation to reduce hazardous exposures are preferred.
<b>Respirator:</b>	Use a NIOSH/MSHA – approved dust type respirator.
<b>Gloves:</b>	Not applicable
<b>Garments:</b>	Not applicable
<b>Eye protection:</b>	Use safety glasses or goggles.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont.)

Avoid wearing contact lenses. Always wash hands before eating, drinking, smoking or using toilet.

Nuisance dust, no exposure standards set for Zeolite.

## 9. PHYSICAL AND CHEMICAL 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

**Solubility in Water:** Insoluble G/l (25°C)

**pH (@ 10% solution):** N/A

**Flammability Limits (as % volume in air)**

**Lower Explosion Limit:** N/A

**Upper Explosion Limit:** N/A

Not effective in removing ethylene

## 10. STABILITY AND REACTIVITY

No Data

## 11. TOXICOLOGICAL INFORMATION

**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

## 12. ECOLOGICAL INFORMATION

No Data Available

### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

<b>U.N. No:</b>	N/A
<b>Class:</b>	N/A
<b>Hazchem Code:</b>	N/A
<b>Pack Group:</b>	N/A
<b>Shipping Name:</b>	Natural Zeolite
<b>Hazard:</b>	Not applicable
<b>Sub Risk:</b>	N/A
<b>EPG No:</b>	N/A

### 15. REGULATORY INFORMATION

No Data Available

### 16. OTHER INFORMATION

Last Revised: August 2012

*All information contained in this Material Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet. Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Global Spill Control Pty. Ltd. accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.*

...End of MSDS...