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**MATERIAL SAFETY DATA SHEET**

MSDS 273

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**1. Product and Company Identification**

- 1.1 PRODUCT NAME:** KEIM CONCRETAL DILUTION
- 1.2 USE OF PRODUCT** Mineral silicate binding agent.
- 1.3 SUPPLIER:** Equus Industries Ltd  
Sheffield Street  
Riverlands Industrial Estate  
Blenheim, Marlborough, New Zealand  
Telephone: +64 3 578 0214  
Fax: +64 3 578 0919
- 1.4 EMERGENCY CONTACT:** **National Poison Centre**  
**Telephone: 0800 764 766**

Information about Safety Data Sheet: Telephone: +64 3 578 0214 8:00am – 6:00pm Mon - Fri

**2. Hazards Identification**

- 2.1 Classification:**  
This product is non-hazardous and a non-dangerous good.
- 2.2 Risk/Safety Phrases:**  
Not applicable.
- The full text of each R & S phrases are listed in Section 16.

**3. Composition/Information on Ingredients**

- 3.1 Chemical Characterization (Preparation):**  
This product is a preparation
- 3.2 Hazardous Ingredients:**  
Not applicable.

CAS NO.	COMPONENT	CONCENTRATION %	CLASSIFICATION



- 3.3** Only ingredients, additives and impurities which are classified and contribute to the classification of the product are included in this section.

#### **4. First Aid Measures**

- 4.1 After Inhalation:**  
No effects are expected. However if respiratory irritation develops, seek medical advice.
- 4.2 After Skin Contact:**  
Wash with water and soap as a precaution. If skin irritation develops, consult a doctor.
- 4.3 After Eye Contact:**  
Rinse with plenty of water, while holding eyelid open. If eye irritation develops, consult a doctor.
- 4.4 After Ingestion:**  
Drink 1 or 2 glasses of water and seek medical attention.

#### **5. Fire Fighting Measures**

- 5.1 Suitable Extinguishing Media:**  
Use extinguishing media appropriate for surrounding fire.
- 5.2 Protective Equipment:**  
Wear self contained breathing apparatus and protective suit for surrounding fire.
- 5.3 Specific Hazards:**  
Product will not burn.
- 5.4 Combustion Products:**  
Not applicable.

#### **6. Accidental Release Measures**

- 6.1 Preliminary Action and Precautions:**
- 6.1.1** Use personal protective equipment.
- 6.1.2** Material can create slippery conditions.
- 6.1.3** Contain spills immediately with inert materials (e.g. sand, earth etc.)
- 6.1.4** Transfer liquids and solid diking material to suitable containers for recovery or disposal.
- 6.1.5** Keep spills and cleaning run off from entering sewers, drains and open bodies of water.
- 6.1.6** Clean remaining contaminated surface using detergent solution or biodegradable cleaner.



## 7. Handling and Storage

### 7.1 Handling:

- 7.1.1 Avoid contact with eyes, skin and clothing.
- 7.1.2 Wash hands thoroughly after handling.
- 7.1.3 Keep containers tightly closed when not in use.

### 7.2 Storage:

- 7.2.1 Store in a cool, well ventilated space.
- 7.2.2 Keep containers tightly closed at all times.
- 7.2.3 Do not allow product to freeze.

## 8. Exposure Controls and Personal Protection Equipment

### 8.1 Exposure Limits:

No values assigned for this specific material.

### 8.2 Exposure Controls:

#### 8.2.1 Exposure Controls in the Work Place:

Not applicable. However, it is advisable to exercise general safety precautions when spraying product and ensure adequate ventilation.

#### 8.2.2 Personal Protection Equipment:

Respiratory Protection – Not required, however use certified respiratory protection equipment when spraying to ensure safety precautions are met.

Hand Protection – Recommendation: Barrier cream or suitable gloves.

Eye Protection – Goggles or safety glasses compatible with any respiratory equipment employed.

Body Protection - Use suitable protective clothing.

## 9. Physical and Chemical Properties

### 9.1 General Information:

Physical State/Form	Liquid
Colour	White
Odour	Slightly ammoniacal
pH	11.3
Water Solubility/Miscibility	Completely Miscible
Specific Gravity	1.42
VOC	0 g/l



## 10. Stability and Reaction

### 10.1 General Information:

This product is stable and no hazardous reactions are known.

### 10.2 Conditions to Avoid:

There are no known conditions which should be avoided.

### 10.3 Material to Avoid:

There are no known materials which are incompatible with this product.

### 10.4 Hazardous Decomposition Products:

None expected when material properly handled and stored. For thermal decomposition see Section 5.

## 11. Toxicological Information

### 11.1 General Information:

No specific data is available for this material.

### 11.2 Skin Contact:

No significant signs or symptoms indicative of any health hazard are expected to occur as a result of skin contact. However, prolonged or repeated use may dry the skin.

### 11.3 Eye Contact:

May cause slight irritation including redness and tear formation.

### 11.4 Ingestion:

May cause gastrointestinal discomfort. Symptoms may include nausea, vomiting, lethargy or diarrhoea.

### 11.5 Inhalation:

No significant signs or symptoms indicative of any health hazard are expected to occur as a result of inhalation.

## 12. Ecological Information

### 12.1 Environment Protection:

Prevent from entering sewers, drains and waterways.

### 12.2 Ecotoxicity:

No data available.

### 12.3 Persistence and degradability:

No data available.

### 12.4 Bioaccumulative Potential:

No data available.



### 13. Disposal Consideration

#### 13.1 Material

Dispose of according to regulation at a permitted facility in accordance with local/national regulation.

### 14. Transport Information

#### 14.1 Land Transport:

Road: Not regulated (not dangerous for transport)

Rail: Not regulated (not dangerous for transport)

**14.2 Sea Transport:** Not regulated (not dangerous for transport)

**14.3 Air Transport:** Not regulated (not dangerous for transport)

#### 14.4 Postal and Courier Service:

This product can be transported by courier.

### 15. Regulatory Information

This product is non-hazardous.

### 16. Other Information

#### 16.1 Full Text of R-Phrases Contained in Section 2:

Not applicable.

#### 16.2 Full Text of S-Phrases Contained in Section 2:

Not applicable.

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