



## 1. PRODUCT & COMPANY IDENTIFICATION

**Product Name:** BARRICADE

**Uses:** Polished concrete and terrazzo floor sealer for reducing liquid absorption.

**Supplier Details:** Wedina Holdings Trading As: RESEARCH PRODUCTS

Address: PO Box 142 Artarmon NSW 1570

ABN 65 002 373 319 ACN: 002 373 319

Telephone: (02) 8868 6888 8am to 5pm Monday to Friday

Fax Number: (02) 9682 6855

**Poisons Information Centre Telephone: 13 1126**

## 2. HAZARDS IDENTIFICATION

**Classified as hazardous according to criteria of NOHSC**

**Risk Classification:** Xi; R36/38 Irritating to eyes and skin.

### Safety Phrases

S2 Keep out of reach of children.

S24/25 Avoid contact with skin and eyes.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Identity              | Percentage | CAS No.    |
|--------------------------------|------------|------------|
| Potassium methylsilanetriolate | < 30       | 31795-24-1 |
| Water                          | > 70       | 7732-18-5  |

## 4. FIRST AID MEASURES

**Swallowed:** Drink 1 or 2 glasses of water. Do Not induce vomiting. NEVER give anything by mouth to an unconscious person. Seek medical advice.

**Eye Exposure:** Immediately flush eyes with plenty of water holding eyelids open. Seek medical advice.

**Skin Exposure:** Remove all contaminated clothing. Wash affected area with plenty of water. Launder clothing before reuse. If skin irritation persists seek medical advice.

**Inhalation:** Remove victim from exposure to fresh air. If feeling unwell seek medical advice.

**Advice to Doctor**

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

**5. FIRE FIGHTING MEASURES**

**Hazchem Code:** None Allocated

Product is water based and is unlikely to play a contributing role in any fire.

**Special protective precautions and equipment for fire fighters**

Fire fighters should use the appropriate equipment for the surrounding fire.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:**

Use personal protective equipment.

Material can create slippery conditions.

**Environmental precautions:**

CAUTION: Keep spills and cleaning runoff out of drains and open bodies of water.

**Methods & Materials for Containment & Clean Up:**

Contain spills immediately with inert absorbent materials (e.g. sand, earth).

Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

**7. HANDLING & STORAGE**

**Handling:**

Avoid contact with eyes and skin.

**Conditions for safe storage**

Store in a cool, dry, well-ventilated area. Keep container tightly closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit(s):** Not established for this product

**Exposure controls:**

**Eye protection:** Wear safety glasses.

**Hand protection:** Wear suitable gloves.

**Engineering measures:** Use in well ventilated area.

## 9. PHYSICAL & CHEMICAL PROPERTIES

|                                 |  |
|---------------------------------|--|
| <b>Physical state:</b>          | Liquid                                 |
| <b>Colour:</b>                  | Colourless                             |
| <b>Odour:</b>                   | Low                                    |
| <b>pH:</b>                      | 12.0                                   |
| <b>Boiling point/range:</b>     | 100°C                                  |
| <b>Melting point/range:</b>     | <0°C Water                             |
| <b>Flash point:</b>             | Non combustible                        |
| <b>Lower explosion limit:</b>   | Not applicable                         |
| <b>Upper explosion limit:</b>   | Not applicable                         |
| <b>Vapour pressure:</b>         | Not established                        |
| <b>Relative vapour density:</b> | Not established                        |
| <b>Water solubility:</b>        | Miscible with water at all proportions |
| <b>Relative density:</b>        | 1.05                                   |
| <b>Viscosity, dynamic:</b>      | Not applicable                         |
| <b>Evaporation rate:</b>        | Not established                        |
| <b>Percent volatility:</b>      | Not determined                         |

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## 10. STABILITY & REACTIVITY

**Hazardous Reactions:** Product is stable under normal conditions of use, storage and temperature.

**Materials to avoid:** Avoid contact with strong acids.

**Polymerization:** Product will not undergo polymerization.

## 11. TOXICOLOGICAL INFORMATION

### Health Effects – Acute

#### Swallowed

May be harmful if swallowed. Ingestion may cause irritation of mucous membranes in mouth, pharynx, oesophagus and gastro-intestinal tracts. Symptoms include nausea, headache, vomiting, ataxia (impaired locomotor co-ordination), acidosis, drowsiness, Agitation, insomnia, changes in the blood pressure, pulmonary oedema and damage to the liver and kidneys.

#### Eye

Causes eye irritation.

#### Skin

Irritating to skin. May cause burns.

#### Inhaled

Not a likely path of health risk

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and degradability:** No information available for this product.

**Mobility:** No information available on this product.

### Additional information

**Environmental fate (exposure):** Avoid contaminating waterways, drains and sewers.

**Bioaccumulative potential:** No information available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Environmental precautions:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**Disposal:** Dispose of in accordance with local, state and federal regulations.

## 14. TRANSPORT INFORMATION

### Classification for ROAD and RAIL transport;

Not regulated (Not dangerous for transport)

### Classification for SEA transport (IMO-IMDG):

Not regulated (Not dangerous for transport)

### Classification for AIR transport (IATA/ICAO):

Not regulated (Not dangerous for transport)

**Hazchem Code:** None allocated.

## 15. REGULATORY INFORMATION

### Label

Classification and labelling have been performed according to regulations.

**Poison Schedule** None allocated

**EPG** Not applicable

**Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR).** All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

## 16. OTHER INFORMATION

**Date of Preparation:** 08-08-2008

**Key to Abbreviations & Acronyms Used in MSDS:**

|                   |  |
|-------------------|--|
| <                 | Less Than  |
| >                 | Greater Than   |
| AICS              | Australian Inventory of Chemical Substances  |
| CAS               | Chemical Abstracts Service (Registry Number)   |
| LC50              | LC stands for lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half) of a group of test animals.    |
| LD50              | LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals. |
| NOHSC             | National Occupational Health and Safety Commission.  |
| OECD              | Organisation for Economic Co-operation and Development.  |
| PEL               | Permissible Exposure Limit.  |
| STEL              | Short Term Exposure Limit  |
| TLV               | Threshold Limit Value  |
| TWA               | Time Weighted Average  |
| UN                | United Nations (Number)  |
| deg C (°C)        | Degrees Celsius  |
| g                 | Gram   |
| g/cm <sup>3</sup> | Grams per cubic centimetre   |
| g/l               | Grams per litre  |

|                   |                                     |
|-------------------|-------------------------------------|
| Immiscible        | Liquids are insoluble in each other |
| kg                | Kilogram                            |
| kg/m <sup>3</sup> | Kilograms per cubic metre           |
| ltr               | Litre                               |
| m <sup>3</sup>    | Cubic metre                         |
| mg                | Milligram                           |
| mg/24H            | Milligrams per 24 hours             |
| mg/kg             | Milligrams per kilogram             |
| mg/m <sup>3</sup> | Milligrams per cubic metre          |
| miscible          | Liquids form one homogeneous liquid |
| ppm               | Parts per million                   |
| wt                | weight                              |

**Literature References:** Supplies MSDS

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|----------------|------------|
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