

# Safety data sheet

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BASF Safety data sheet  
Date / Revised: 03.06.2011  
Product: **POZZOLITH 102**

Version: 1.0

(30431826/SDS\_GEN\_AU/EN)

Date of print 04.06.2011

## 1. Substance/preparation and company identification

### POZZOLITH 102

Use: Product for construction chemicals

Company:

BASF Australia Limited (ABN 62 008 437 867)  
Level 12, 28 Freshwater Place Southbank  
Victoria 3006, AUSTRALIA  
Telephone: +61 3 8855-6600  
Telefax number: +61 3 8855-6511

Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]  
BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

## 2. Hazard identification

HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD  
Irritating to eyes.

Keep out of the reach of children.

If swallowed, seek medical advice immediately and show this container or label.

## 3. Composition/information on ingredients

Chemical nature

Aqueous solution based on: calcium chloride

#### Hazardous ingredients

calcium chloride

Content (W/W):  $\geq 7\%$  -  $< 50\%$

CAS Number: 10043-52-4

Hazard symbol(s): Xi

R-phrase(s): 36

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

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## 4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Note to physician:

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

See MSDS section 7 - Handling and storage.

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## 6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product.

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## 7. Handling and Storage

### Handling

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The product does not contribute to the spreading of flames, nor is it self combustible, not explosive. Take precautionary measures against static discharges.

### Storage

Suitable materials for containers: Polypropylene

Further information on storage conditions: Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

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## 8. Exposure controls and personal protection

### Components with workplace control parameters

no exposure standard allocated

### Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

**Hand protection:**

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other  
 Manufacturer's directions for use should be observed because of great diversity of types.

**Eye protection:**

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

**Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

**General safety and hygiene measures:**

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	characteristic
pH value:	7 - 9 (23 °C) slightly alkaline
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Flash point:	not determined
Flammability:	not applicable
Lower explosion limit:	does not ignite
Upper explosion limit:	not applicable
Self heating ability:	not applicable
Explosion hazard:	It is not a substance capable of spontaneous heating.
Fire promoting properties:	not explosive
Vapour pressure:	not fire-propagating
Density:	not applicable
	1.265 - 1.305 g/cm <sup>3</sup> (23 °C)

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Bulk density: not applicable

Miscibility with water: soluble

Hygroscopy: hygroscopic

Viscosity, dynamic: not applicable

Viscosity, kinematic: not applicable

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

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## 10. Stability and Reactivity

Conditions to avoid:

See MSDS section 7 - Handling and storage.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:

strong acids, strong bases, strong oxidizing agents

Corrosion to metals: mild steel

Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

### Irritation

Assessment of irritating effects:

Eye contact causes irritation. The product has not been tested. The statement has been derived from the properties of the individual components.

### Sensitization

Assessment of sensitization:

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The product has not been tested. The statement has been derived from the properties of the individual components.

### **Repeated dose toxicity**

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

### **Genetic toxicity**

Assessment of mutagenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

### **Carcinogenicity**

Assessment of carcinogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

### **Reproductive toxicity**

Assessment of reproduction toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

### **Developmental toxicity**

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

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## **12. Ecological Information**

### **Ecotoxicity**

Assessment of aquatic toxicity:

The product has not been tested.

### **Mobility**

Assessment transport between environmental compartments:

The product has not been tested. The statement has been derived from the properties of the individual components.

### **Persistence and degradability**

Assessment biodegradation and elimination (H<sub>2</sub>O):

Moderately/partially biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

### **Bioaccumulation potential**



