

# Safety data sheet

Page: 1/8

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BASF Safety data sheet  
Date / Revised: 06.06.2011  
Product: **RHEOMAC 1008 SURETEC**

Version: 1.0

(30471473/SDS\_GEN\_AU/EN)

Date of print 07.06.2011

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## 1. Substance/preparation and company identification

### RHEOMAC 1008 SURETEC

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]

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## 2. Hazard identification

No specific dangers known, if the regulations/notes for storage and handling are considered.

NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

Do not keep the container sealed.

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## 3. Composition/information on ingredients

Chemical nature

Solution based on: polycarboxylate ether, in water

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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. 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: No significant symptoms are expected due to the non-classification of the product.  
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:

carbon monoxide, carbon dioxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

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. Sources of ignition should be kept well clear. 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:**

No special precautions necessary.

### Storage

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

Keep away from heat. Store protected against freezing. Keep only in the original container.

Keep away from heat. Store protected against freezing. Do not keep the container sealed. Formation of CO<sub>2</sub> and build up of pressure possible.

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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:**

impermeable gloves

Synthetic rubber gloves

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:**

light protective clothing

**General safety and hygiene measures:**

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).

**9. Physical and Chemical Properties**

Form: liquid  
 Colour: light yellow to brownish  
 Odour: aromatic  
 characteristic

pH value: approx. 5 - 8  
 (20 °C)

Information on: Water  
 solidification temperature: 0 °C

Information on: Water  
 boiling temperature: 100 °C  
 (1,000 hPa)

Flash point:  
 A flash point determination is unnecessary due to the high water content.

Flammability: does not ignite

Information on: Water  
 Vapour pressure: 23 mbar  
 (20 °C)

Density: 1.08 - 1.12 g/cm<sup>3</sup>  
 (20 °C)  
 1.08 - 1.11 g/cm<sup>3</sup> (DIN 51757)  
 (25 °C)

Bulk density: not applicable

Solubility in water: readily soluble  
 (20 °C)

Miscibility with water: soluble

Viscosity, dynamic: 220 - 400 mPa.s

Solids content: 49 %

**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: Decomposes on heating. No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:  
strong acids, strong bases, strong oxidizing agents

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

carbon dioxide  
Traces of the substances/groups of substances mentioned can be released at elevated temperatures.

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Possible decomposition products:  
carbon dioxide  
Traces of the substances/groups of substances mentioned can be released at elevated temperatures.

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## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:  
Virtually nontoxic after a single ingestion.

### Irritation

Assessment of irritating effects:  
Not irritating to eyes and skin. The product has not been tested. The statement has been derived from products of a similar structure or composition.

### Sensitization

Assessment of sensitization:  
The chemical structure does not suggest a sensitizing effect.

### 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 chemical structure does not suggest a specific alert for such an effect.

Ames-test

Mutagenicity tests revealed no genotoxic potential.

### **Carcinogenicity**

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect.

### **Reproductive toxicity**

Assessment of reproduction toxicity:

The chemical structure does not suggest a specific alert for such an effect.

### **Developmental toxicity**

Assessment of teratogenicity:

The chemical structure does not suggest a specific alert for such an effect.

### **Other relevant toxicity information**

On the basis of the product's composition, no acute general toxic effects are to be expected. The product has not been tested. The statement has been derived from products of a similar structure or composition.

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## **12. Ecological Information**

### **Ecotoxicity**

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

Aquatic invertebrates:

EC50 (48 h) > 100 mg/l, *Daphnia magna* (Directive 92/69/EEC, C.2, static)

The product has not been tested. The statement has been derived from products of a similar structure or composition.

### **Mobility**

Assessment transport between environmental compartments:

No data available.

### **Persistence and degradability**

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

Not readily biodegradable (by OECD criteria).

### **Bioaccumulation potential**

Bioaccumulation potential:

Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.

### **Additional information**

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**Other ecotoxicological advice:**

There is a high probability that the product is not acutely harmful to aquatic organisms. Do not discharge product into the environment without control. The product has not been tested. The statement has been derived from products of a similar structure or composition.

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### 13. Disposal Considerations

Observe national and local legal requirements.

The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities.

**Contaminated packaging:**

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

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### 14. Transport Information

**Domestic transport:**

Not classified as a dangerous good under transport regulations

**Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

**Air transport**

IATA/ICAO

Hazard class: 9

ID number: UN 3334

Hazard label:

Proper shipping name: AVIATION REGULATED LIQUID, N.O.S. (contains POLYCARBOXYLATE ETHER)

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### 15. Regulatory Information

Poisons Schedule: Not scheduled

**Regulations of the European union (Labelling)****EEC Directives:**

S-phrase(s)

S12

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The product does not require a hazard warning label in accordance with EC Directives.  
Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

### **Other regulations**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

### **Registration status:**

AICS, AU

released w/o restriction f. BASF / not listed

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## **16. Other Information**

Due to the merger of Degussa Construction chemicals and BASF Group all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us under the address mentioned in Section I.

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.