

# Safety data sheet

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BASF Safety data sheet  
Date / Revised: 08.03.2017  
Product: **MasterTop 515**

Version: 1.0

(30596662/SDS\_GEN\_NZ/EN)

Date of print 09.03.2017

## 1. Substance/preparation and company identification

### MasterTop 515

Use: Product for construction chemicals

Manufacturer/supplier:

BASF Australia Limited (ABN 62 008 437 867)  
Level 12, 28 Freshwater Place Southbank  
Victoria 3006, AUSTRALIA

Contact address:

BASF New Zealand Limited  
Level 4, 4 Leonard Isitt Drive, Auckland Airport, Auckland 2022  
PO Box 407 Shortland Street, Auckland 1140  
NEW ZEALAND  
Telephone: +64 9 255-4300  
Telefax number: +64 9 255-4307

Emergency information:

National Poisons Centre: 0800 764 766  
BASF Emergency Advice Number: 0800 944 955 (24 hour advice in an emergency only)  
BASF Emergency Advice Number: +61 3 8855 6666 (If calling from outside New Zealand)

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## 2. Hazard identification

**Classification:** Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 (New Zealand)

**Subclasses:** Subclass 6.3 Category A - Substance which are skin irritants  
Subclass 8.3 Category A - Substance corrosive to ocular tissue

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## 3. Composition/information on ingredients

### Chemical nature

Preparation based on: modified cement mortar

### Hazardous ingredients

Cement, portland, chemicals

Content (W/W):  $\geq 5\%$  -  $< 10\%$

CAS Number: 65997-15-1

EC-Number: 266-043-4

Hazard symbol(s): Xi

R-phrase(s): 38, 41, 37

The wording of the hazard symbols and R-phrases is specified in section 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:

After inhalation of dust. Keep patient calm, remove to fresh air. If difficulties occur: Obtain 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.

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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

Additional information:

Product itself is non-combustible. Only the packaging materials can catch fire. The extinguishing agents normally used are sufficient.

Specific hazards:

Product is not combustible or explosive. No particular hazards known.

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental Release Measures

Personal precautions:

Avoid dust formation. Avoid contact with skin and eyes. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

Sweep/shovel up.

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## 7. Handling and Storage

### Handling

Avoid dust formation. The Cement contained in this product reacts alkaline when in contact with water or humidity. This may cause severe irritation of skin or mucous membranes. The humidity of the skin or mucous membranes is enough for this reaction. Prolonged direct contact to the dry product should be avoided therefore. Avoid inhalation of dusts. Avoid skin contact. Pour downwind and allow as little free fall as possible while emptying bags into equipment. Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:

No special precautions necessary.

### Storage

Suitable materials for containers: Paper/Fibreboard  
Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

Storage stability:  
Storage temperature: 5 - 45 °C

The packed product is not damaged by low temperatures or by frost.  
The packed product will not be damaged by high temperatures.

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## 8. Exposure controls and personal protection

### Components with occupational exposure limits

Limestone, 1317-65-3;

TWA value 10 mg/m<sup>3</sup> (OEL (NZ))  
The value is for inspirable dust containing no asbestos and less than 1% free silica. (See Appendix 1).  
TWA value 10 mg/m<sup>3</sup> (OEL (NZ))  
The value is for inspirable dust containing no asbestos and less than 1% free silica. (See Appendix 1).

Calcium sulphate, 7778-18-9;

TWA value 10 mg/m<sup>3</sup> (ACGIHTLV), Inhalable fraction  
TWA value 10 mg/m<sup>3</sup> (OEL (NZ))  
The value is for inspirable dust containing no asbestos and less than 1% free silica.

Cement, portland, chemicals, 65997-15-1;

TWA value 1 mg/m<sup>3</sup> (ACGIHTLV), Respirable fraction  
The value is for particulate matter containing no asbestos and <1% crystalline silica.  
TWA value 10 mg/m<sup>3</sup> (OEL (NZ))  
The value is for inspirable dust containing no asbestos and less than 1% free silica.

Quartz (SiO<sub>2</sub>), 14808-60-7;

TWA value 0.025 mg/m<sup>3</sup> (ACGIHTLV), Respirable fraction  
TWA value 0.2 mg/m<sup>3</sup> (OEL (NZ)), Respirable dust

### Personal protective equipment

Respiratory protection:  
Breathing protection if dusts are formed.

Hand protection:  
nitrile coated cotton gloves (e.g. EN 388, 374)

Eye protection:  
Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

**Body protection:**

Body protection must be chosen based on level of activity and exposure., light protective clothing

**General safety and hygiene measures:**

Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts. 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). Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.

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## 9. Physical and Chemical Properties

Form:	powder
Colour:	off-white to grey
Odour:	characteristic
pH value:	> 11 (20 °C) aqueous solution
Boiling point:	not applicable
Flash point:	not applicable, the product is a solid
Flammability:	not flammable
Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Self ignition:	not self-igniting
Self heating ability:	It is not a substance capable of spontaneous heating.
Explosion hazard:	not explosive
Fire promoting properties:	not fire-propagating

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Vapour pressure:	(20 °C) not applicable
Bulk density:	1,000 - 1,800 kg/m <sup>3</sup> (20 °C)
Solubility in water:	partly soluble
Miscibility with water:	(20 °C) immiscible
Hygroscopy:	hygroscopic
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures
Solids content:	100 %

**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 bases, strong acids

Corrosion to metals: No corrosive effect on metal.

**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:**

Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation.

### Irritation

**Assessment of irritating effects:**

Skin contact causes irritation. May cause severe damage to the eyes.

Information on: Cement, portland, chemicals  
Primary skin irritation rabbit: Irritant.

Information on: Cement, portland, chemicals  
Primary irritations of the mucous membrane rabbit: Severely irritating.

### **Assessment other acute effects**

Remarks: Based on available Data, the classification criteria are not met.

### **Sensitization**

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential. The product has not been tested. The statement has been derived from the properties of the individual components.

Chromate in this product has been reduced. Sensitization due to chromate within stated shelf-life is unlikely.

### **Repeated dose toxicity**

Assessment of repeated dose toxicity:

No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

### **Genetic toxicity**

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### **Carcinogenicity**

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### **Reproductive toxicity**

Assessment of reproduction toxicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### **Developmental toxicity**

Assessment of teratogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

### **Other relevant toxicity information**

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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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. The product gives rise to pH shifts. Based on available Data, the classification criteria are not met.

### Mobility

Assessment transport between environmental compartments:

The substance will not evaporate into the atmosphere from the water surface. Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

### Persistence and degradability

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

Experience shows this product to be inert and non-degradable.

Inorganic product which cannot be eliminated from water by biological purification processes. The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

Elimination information:

not applicable

### Bioaccumulation potential

Assessment bioaccumulation potential:

The product will not be readily bioavailable due to its consistency and insolubility in water.

### Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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## 13. Disposal Considerations

Observe national and local legal requirements.

Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging:

Completely emptied packagings can be given for recycling.

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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

Not classified as a dangerous good under transport regulations

## 15. Regulatory Information

**Classification:** Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001  
(New Zealand)

**Subclasses:** Subclass 6.3 Category A - Substance which are skin irritants  
Subclass 8.3 Category A - Substance corrosive to ocular tissue

**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:**

NZIOC, NZ released / listed  
GrpStd HSR002544

## 16. Other Information

Full text of hazard symbols and R-phrases if mentioned as hazardous components in section 3:

Xi Irritant.  
38 Irritating to skin.  
41 Risk of serious damage to eyes.  
37 Irritating to respiratory system.

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