

# Safety data sheet

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BASF Safety data sheet

Date / Revised: 18.02.2017

Product: **MasterCast GF 300**

Version: 2.0

(30431733/SDS\_GEN\_AU/EN)

Date of print 19.02.2017

## 1. Substance/preparation and manufacturer/supplier identification

### MasterCast GF 300

Use: Product for construction chemicals

Manufacturer/supplier:

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

Classification of the substance and mixture:

| No need for classification according to GHS criteria for this product.

Label elements and precautionary statement:

| The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards which do not result in classification:

| If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

### 3. Composition/information on ingredients

#### Chemical nature

Preparation based on: inorganic compounds

| No particular hazards known.

### 4. First-Aid Measures

General advice:

| First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled:

| After inhalation of dust. Keep patient calm, remove to fresh air, 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.

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: Symptomatic treatment (decontamination, vital functions).

### 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. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do

not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## 6. Accidental Release Measures

### Personal precautions:

Do not breathe dust. Wear eye/face protection. Use personal protective clothing. 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 suitable appliance and dispose of. Dispose of contaminated material as prescribed.

For large amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

Avoid raising dust.

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## 7. Handling and Storage

### Handling

Avoid dust formation. Wear suitable protective clothing and eye/face protection. Avoid inhalation of dusts/mists/vapours. Breathing must be protected when large quantities are decanted without local exhaust ventilation.

### Protection against fire and explosion:

Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy. Keep away from sources of ignition - No smoking. Dust can form an explosive mixture with air.

### Storage

Suitable materials for containers: Paper/Fibreboard

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

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## 8. Exposure controls and personal protection

### Components with occupational exposure limits

calcium carbonate, 471-34-1;

TWA value 10 mg/m<sup>3</sup> (OEL (AU)), Inhalable dust

TWA value 10 mg/m<sup>3</sup> (AU NOEL), Inhalable dust

This value is for inhalable dust containing no asbestos and < 1% crystalline silica.

Limestone, 1317-65-3;  
TWA value 10 mg/m<sup>3</sup> (OEL (AU)), Inhalable dust

Calcium sulphate, 7778-18-9;  
TWA value 10 mg/m<sup>3</sup> (ACGIHTLV), Inhalable fraction  
TWA value 10 mg/m<sup>3</sup> (AU NOEL), Inhalable dust  
This value is for inhalable dust containing no asbestos and < 1% crystalline silica.  
TWA value 10 mg/m<sup>3</sup> (OEL (AU)), Inhalable dust

#### Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Particle filter with low efficiency for solid particles (e.g. EN 143 or 149, Type P1 or FFP1)

Hand protection:

impermeable gloves

Eye protection:

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

Body protection:

light protective clothing

General safety and hygiene measures:

Avoid inhalation of dusts. Wearing of closed work clothing is required additionally to the stated personal protection equipment. Avoid exposure - obtain special instructions before use. 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: powder  
Colour: tan to brown  
Odour: characteristic  
Odour threshold: No applicable information available.

pH value: 6.0 - 8.0  
(10 % (m), 23 °C)

boiling temperature: No data available.

Flash point: not applicable

Flammability (solid/gas): not flammable

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Lower explosion limit: not applicable  
 Upper explosion limit: not applicable  
 Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.  
 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  
 Vapour pressure: not applicable  
 Density: 2.2 - 2.6 g/cm<sup>3</sup>  
 Bulk density: 1,500 - 1,800 kg/m<sup>3</sup>  
 Miscibility with water: partially (e.g. >10% <90%)  
 Hygroscopy: hygroscopic  
 Viscosity, dynamic: No data available.  
 Solids content: 100 % (calculated)

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

## 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, strong reducing agents

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.

## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion. Based on available Data, the classification criteria are not met.

### Irritation

Assessment of irritating effects:

No irritation is expected under intended use and appropriate handling. Based on available Data, the classification criteria are not met.

### Respiratory/Skin sensitization

Assessment of sensitization:

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

### Germ cell mutagenicity

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.

### Specific target organ toxicity (single exposure):

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

### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

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

### **Aspiration hazard**

| No aspiration hazard expected.

### **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:

| Based on available Data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

### **Mobility**

Assessment transport between environmental compartments:

| No data available.

### **Persistence and degradability**

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

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

### **Bioaccumulation potential**

Assessment bioaccumulation potential:

| Discharge into the environment must be avoided.

### **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:

| 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

Not classified as a dangerous good under transport regulations

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## 15. Regulatory Information

**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.

| Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not Scheduled

**Registration status:**

AICS, AU released / listed

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## 16. Other Information

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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. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.