

# Safety data sheet

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BASF Safety data sheet  
Date / Revised: 25.10.2010  
Product: **MASTERTOP 333**(30362800/SDS\_GEN\_SG/EN)

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## 1. Substance/preparation and company identification

### MASTERTOP 333

Use: Product for construction chemicals

Company:

BASF South East Asia Pte Ltd.  
7 Temasek Boulevard,  
#35-01 Suntec Tower One, 038987, SINGAPORE  
Telephone: +65 6 337-0330  
Telefax number: +65 6 334-0330  
E-mail address: tommy.chng@basf.com

Emergency information:

International emergency number:  
Telephone: +49 180 2273-112

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## 2. Hazard identification

Classification of the substance and mixture:  
| Skin corrosion/irritation: Cat. 1B

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## 3. Composition/information on ingredients

Chemical nature

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## 4. First-Aid Measures

General advice:

| First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Immediately inhale corticosteroid dose aerosol.

On skin contact:

Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

On contact with eyes:

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

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Note to physician:

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 dioxide, carbon monoxide, nitrogen oxides, fumes/smoke, carbon black, corrosive gases/vapours

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. Ensure adequate ventilation. 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.

### Storage

Suitable materials for containers: High density polyethylene (HDPE), Polypropylene  
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. Store protected against freezing.

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## 8. Exposure controls and personal protection

### 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:

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

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. 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  
Colour: straw yellow  
Odour: odourless

pH value:	> 12 (2 %(m), 25 °C) neutral to slightly alkaline
:	not applicable
Flash point:	> 100 °C
Flammability (solid/gas):	does not ignite
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.
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
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:	1.17 - 1.2 g/cm <sup>3</sup> (25 °C) 1,193 g/cm <sup>3</sup> (20 °C)
Miscibility with water:	miscible
Hygroscopy:	Non-hygroscopic
Viscosity, dynamic:	not applicable
Solids content:	51 %

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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:

| zinc, aluminium, oxidizing agents, strong alkalies, acids

Corrosion to metals: No corrosive effect on metal.

Hazardous reactions:

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

### Irritation

Assessment of irritating effects:

Corrosive! Damages skin and eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

### 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.

### 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.

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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 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):

Not applicable for inorganic substances.

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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:

Hazard class:	8
Packing group:	II
ID number:	UN 3266
Hazard label:	8
Proper shipping name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (contains DISODIUM META-SILICATE)

### Sea transport

IMDG

Hazard class:	8
Packing group:	II
ID number:	UN 3266
Hazard label:	8
Marine pollutant:	NO
Proper shipping name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (contains DISODIUM META-SILICATE)

**Air transport**

IATA/ICAO

Hazard class:	8
Packing group:	II
ID number:	UN 3266
Hazard label:	8
Proper shipping name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (contains DISODIUM META-SILICATE)

**15. Regulatory Information****Regulations of the European union (Labelling)**Directive 1999/45/EC ('Preparation Directive'):

Hazard symbol(s)	
C	Corrosive.
R-phrase(s)	
R34	Causes burns.
S-phrase(s)	
S1/2	Keep locked-up and out of reach of children.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazard determining component(s) for labelling: DISODIUM META-SILIKATE

**Other regulations****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.

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.