

Safety data sheet

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BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 20.06.2011

Version: 2.1

Product: **MASTERTOP 1230 EW99 PTB**

(ID no. 30549535/SDS_GEN_EU/EN)

Date of print 25.08.2011

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

MASTERTOP 1230 EW99 PTB

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Product for construction chemicals

Details of the supplier of the safety data sheet

Company:

BASF South East Asia Pte Ltd.
7 Temasek Boulevard,
#35-01 Suntec Tower One, 038987,
SINGAPORE

Contact address:

BASF SE
67056 Ludwigshafen
GERMANY

Telephone: +49 621 60-0

E-mail address: global.info@basf.com

Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

2. Hazards Identification

Label elements

According to Directive 67/548/EEC or 1999/45/EC

Directive 1999/45/EC ('Preparation Directive')

Hazard symbol(s)

C

Corrosive.



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N Dangerous for the environment.



R-phrase(s)

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R43	May cause sensitization by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R63	Possible risk of harm to the unborn child.

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.
S29	Do not empty into drains.
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).
S51	Use only in well-ventilated areas.

Classification of the substance or mixtureAccording to Directive 67/548/EEC or 1999/45/EC

Possible Hazards:

Harmful by inhalation, in contact with skin and if swallowed.
 Causes burns.
 May cause sensitization by skin contact.
 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 Possible risk of impaired fertility.
 Possible risk of harm to the unborn child.

Other hazardsAccording to Regulation (EC) No 1272/2008 [CLP]

Other Hazards (GHS):

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**Mixtures**Chemical nature

Contains polyamine, modified

Hazardous ingredients

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according to Directive 1999/45/EC

Benzyl alcohol

Content (W/W): $\geq 50\%$ - $\leq 110\%$

CAS Number: 100-51-6

EC-Number: 202-859-9

INDEX-Number: 603-057-00-5

Hazard symbol(s): Xn

R-phrases: 20/22

3-aminomethyl-3,5,5-trimethylcyclohexylamine

Content (W/W): $\geq 20\%$ - $< 75\%$

CAS Number: 2855-13-2

EC-Number: 220-666-8

REACH registration number: 01-2119514687-32

INDEX-Number: 612-067-00-9

Hazard symbol(s): C

R-phrases: 21/22, 34, 43, 52/53

m-Phenylenebis(methylamine)

Content (W/W): $\geq 15\%$ - $< 50\%$

CAS Number: 1477-55-0

EC-Number: 216-032-5

Hazard symbol(s): C

R-phrases: 20/22, 34, 43

Salicylic acid

Content (W/W): $\geq 2.5\%$ - $< 15\%$

CAS Number: 69-72-7

EC-Number: 200-712-3

Hazard symbol(s): Xn

R-phrases: 22, 36

bisphenol A

Content (W/W): $\geq 2.5\%$ - $< 15\%$

CAS Number: 80-05-7

EC-Number: 201-245-8

INDEX-Number: 604-030-00-0

Hazard symbol(s): Xn

R-phrases: 37, 41, 43, 62, 52

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nonylphenol

Content (W/W): $\geq 2.5\%$ - $< 15\%$

CAS Number: 25154-52-3

EC-Number: 246-672-0

INDEX-Number: 601-053-00-8

Hazard symbol(s): C, N

R-phrases: 22, 34, 62, 63, 50/53

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Repr. Cat. 3

For the classifications not written out in full in this section, including the indication of danger, the hazard symbols, the R phrases, and the hazard statements, the full text is listed in section 16.

4. First-Aid Measures

Description of first aid measures

First aid personnel should pay attention to their own safety. Immediately 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.

Most important symptoms and effects, both acute and delayed

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

Indication of any immediate medical attention and special treatment needed

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

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Special hazards arising from the substance or mixture

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

Advice for fire-fighters

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.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

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 and material for containment and cleaning 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.

Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

7. Handling and Storage

Precautions for safe 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.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE), tin (tinplate)

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.

Storage stability:

Storage temperature: 5 - 35 °C

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

The packed product will not be damaged by high temperatures.

Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8. Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

100-51-6: Benzyl alcohol

1477-55-0: m-Phenylenebis(methylamine)

69-72-7: Salicylic acid

80-05-7: bisphenol A

TWA value 10 mg/m³ (OEL (EU)), Inhalable dust
indicative

Exposure controls

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).

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Form:	liquid
Colour:	light yellow
Odour:	amine-like
pH value:	11 (23 °C)
Boiling point:	>= 100 °C not applicable
Flash point:	> 110 °C
Flammability:	does not ignite
Lower explosion limit:	13 %(V) (25 °C)
Upper explosion limit:	1.2 %(V) (25 °C)
Vapour pressure:	< 2 hPa (25 °C)

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Density: 1.04 - 1.06 g/cm³
(25 °C)
1.03 g/cm³
(55 °C)

Solubility in water: soluble
Self ignition: not self-igniting

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

Viscosity, dynamic: 100 - 300 mPa.s

Fire promoting properties: not fire-propagating

Other information

Self heating ability: It is not a substance capable of spontaneous heating.

Miscibility with water:

(20 °C)
immiscible

Hygroscopy: Non-hygroscopic

Solids content: 100 %

Other Information:

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

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals: No corrosive effect on metal.

Chemical stability

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

Possibility of hazardous reactions

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

Conditions to avoid

See MSDS section 7 - Handling and storage.

Incompatible materials

Substances to avoid:

zinc, aluminium, oxidizing agents, strong alkalies, acids

Hazardous decomposition products

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

11. Toxicological Information

Information on toxicological effects

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Acute toxicity

Assessment of acute toxicity:

Of moderate toxicity after short-term inhalation. Of moderate toxicity after single ingestion.

Irritation

Assessment of irritating effects:

Corrosive! Damages skin and eyes. May cause severe damage to the eyes.

Respiratory/Skin sensitization

Assessment of sensitization:

Sensitization after skin contact possible.

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 results of animal studies suggest a fertility impairing effect.

Developmental toxicity

Assessment of teratogenicity:

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

Other relevant toxicity information

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

12. Ecological Information

Toxicity

Assessment of aquatic toxicity:

Acutely toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

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

Bioaccumulative potential

Assessment bioaccumulation potential:

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

Mobility in soil (and other compartments if available)

Assessment transport between environmental compartments:

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

Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative).

Additional information

Other ecotoxicological advice:

Do not allow to enter soil, waterways or waste water channels. The product has not been tested. The statement has been derived from the properties of the individual components.

13. Disposal Considerations

Waste treatment methods

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.

14. Transport Information

Land transport

ADR

Hazard class: 8

Packing group: II

ID number: UN 3267

Hazard label: 8, EHSM

Proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains ISOPHORONEDIAMINE, M-PHENYLENEBIS(METHYLAMINE), NONYLPHENOLE)

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RID

Hazard class: 8
Packing group: II
ID number: UN 3267
Hazard label: 8, EHSM
Proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains ISOPHORONEDIAMINE, M-PHENYLENEBIS(METHYLAMINE), NONYLPHENOLE)

Inland waterway transport**ADN**

Hazard class: 8
Packing group: II
ID number: UN 3267
Hazard label: 8, EHSM
Proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains ISOPHORONEDIAMINE, M-PHENYLENEBIS(METHYLAMINE), NONYLPHENOLE)

Sea transport**IMDG**

Hazard class: 8
Packing group: II
ID number: UN 3267
Hazard label: 8, EHSM
Marine pollutant: YES
Proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains ISOPHORONEDIAMINE, M-PHENYLENEBIS(METHYLAMINE), NONYLPHENOLE)

Air transport**IATA/ICAO**

Hazard class: 8
Packing group: II
ID number: UN 3267
Hazard label: 8
Proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (contains ISOPHORONEDIAMINE, M-PHENYLENEBIS(METHYLAMINE), NONYLPHENOLE)

15. Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

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

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.

Full text of the classifications, including the indication of danger, the hazard symbols, the R phrases, and the hazard statements, if mentioned in section 2 or 3:

Xn	Harmful.
C	Corrosive.
N	Dangerous for the environment.
20/22	Harmful by inhalation and if swallowed.
21/22	Harmful in contact with skin and if swallowed.
34	Causes burns.
43	May cause sensitization by skin contact.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
22	Harmful if swallowed.
36	Irritating to eyes.
37	Irritating to respiratory system.
41	Risk of serious damage to eyes.
62	Possible risk of impaired fertility.
52	Harmful to aquatic organisms.
63	Possible risk of harm to the unborn child.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Repr. Cat. 3	Reprotoxic substances (fertility or development) Category 3: Substances which cause concern for humans owing to possible developmental toxic effects or substances which cause concern for human fertility.

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.