

# Safety data sheet

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

Date / Revised: 14.04.2009

Product: **CONIPUR M 860 THIX,P.A**

Version: 1.0

(30353965/SDS\_GEN\_EU/EN)

Date of print 15.04.2009

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## 1. Substance/preparation and company identification

### CONIPUR M 860 THIX,P.A

Use: Product for construction chemicals

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Operating Division Construction Chemicals

Telephone: +49 621 60-74354

Telefax number: +49 621 60-6674354

E-mail address: info.construction-chemicals@basf.com

Emergency information:

International emergency number:

Telephone: +49 180 2273-112

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## 2. Hazard identification

Harmful.

Dangerous for the environment.

Harmful in contact with skin and if swallowed.

Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Irritating to eyes.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## 3. Composition/information on ingredients

Chemical nature

Blend based on: diamines, softeners

#### Hazardous ingredients

##### diethylmethylenediamine

Content (W/W):  $\geq 40\%$  -  $\leq 70\%$

CAS Number: 68479-98-1

EC-Number: 270-877-4

INDEX-Number: 612-130-00-0

Hazard symbol(s): Xn, N

R-phrases: 21/22, 36, 48/22, 50/53

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

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:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### 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:

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 extinguishing media, carbon dioxide

#### Unsuitable extinguishing media for safety reasons:

water jet

#### Specific hazards:

carbon dioxide, carbon monoxide, 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.

**Storage**

Suitable materials for containers: 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.

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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

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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:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. 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).

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## 9. Physical and chemical properties

Form:	liquid	
Colour:	colourless	
Odour:	characteristic	
Flash point:	> 100 °C	(DIN 53213-1)
Density:	1.01 g/cm <sup>3</sup> (20 °C)	
Viscosity, dynamic:	80 mPa.s (23 °C)	

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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 acids, strong bases, strong oxidizing agents

Hazardous reactions:

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

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## 11. Toxicological information

### Acute toxicity

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*Information on: Diethylmethylbenzenediamine*  
*Assessment of acute toxicity:*  
*Harmful in contact with skin and if swallowed. EU-classification*  
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*Information on: Diethylmethylbenzenediamine*  
*LD50 rat (oral): 598 mg/kg (OECD Guideline 401)*  
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## 12. Ecological information

### Ecotoxicity

*Information on: Diethylmethylbenzenediamine*  
*Assessment of aquatic toxicity:*  
*Very toxic (acute effect) to aquatic organisms. May cause long-term adverse effects in the aquatic environment.*  
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*Information on: Diethylmethylbenzenediamine*  
*Aquatic invertebrates:*  
*EC50 (48 h) < 1 mg/l, Daphnia magna (OECD Guideline 202, part 1)*  
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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

### Land transport

ADR

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains DIETHYLMETHYLBENZENEDIAMINE)

RID

Hazard class:	9
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Packing group: III  
 ID number: UN 3082  
 Hazard label: 9  
 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 (contains DIETHYLMETHYLBENZENEDIAMINE)

**Inland waterway transport**

ADNR

Hazard class: 9  
 Packing group: III  
 ID number: UN 3082  
 Hazard label: 9  
 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 (contains DIETHYLMETHYLBENZENEDIAMINE)

**Sea transport**

IMDG

Hazard class: 9  
 Packing group: III  
 ID number: UN 3082  
 Hazard label: 9  
 Marine pollutant: YES  
 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 (contains DIETHYLMETHYLBENZENEDIAMINE)

**Air transport**

IATA/ICAO

Hazard class: 9  
 Packing group: III  
 ID number: UN 3082  
 Hazard label: 9, EHSM  
 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 (contains DIETHYLMETHYLBENZENEDIAMINE)

**15. Regulatory information****Regulations of the European union (Labelling) / National legislation/Regulations**EEC Directives:

Hazard symbol(s)  
 Xn Harmful.  
 N Dangerous for the environment.

R-phrase(s)

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R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R36	Irritating to eyes.
S-phrase(s)	
S29/35	Do not empty into drains, this material and its container must be disposed of in a safe way.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S2	Keep out of the reach of children.
S51	Use only in well-ventilated areas.
S36/37	Wear suitable protective clothing and gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S25	Avoid contact with eyes.

Hazard determining component(s) for labelling: DIETHYLMETHYLBENZENEDIAMINE

**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.

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

Xn	Harmful.
N	Dangerous for the environment.
21/22	Harmful in contact with skin and if swallowed.
36	Irritating to eyes.
48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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.