

Safety data sheet

Page: 1/7

BASF Safety data sheet
Date / Revised: 27.04.2010
Product: **CONIPUR M 860 P.A grey**

Version: 1.0

(30351288/SDS_GEN_SG/EN)

Date of print 28.04.2010

1. Substance/preparation and company identification

CONIPUR M 860 P.A grey

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

2. Composition/information on ingredients

Chemical nature

Solution based on: diamines, softeners

Hazardous ingredients

Diethylmethylenediamine

Content (W/W): $\geq 10\%$ - $< 20\%$
CAS Number: 68479-98-1
EC-Number: 270-877-4
INDEX-Number: 612-130-00-0
Hazard symbol(s): Xn, N
R-phrase(s): 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.

3. Hazard identification

Harmful: danger of serious damage to health by prolonged exposure if swallowed.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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:

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.

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.

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.

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, well-ventilated place. Protect from direct sunlight.

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:

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).

BASF Safety data sheet
Date / Revised: 27.04.2010
Product: CONIPUR M 860 P.A grey

Version: 1.0

(30351288/SDS_GEN_SG/EN)

Date of print 28.04.2010

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).

9. Physical and Chemical Properties

Form:	liquid	
Colour:	grey	
Odour:	amine-like	
Flash point:	> 65 °C	(DIN 53213-1)
Density:	approx. 2.03 g/cm ³ (20 °C)	
Viscosity, dynamic:	approx. 2,300 mPa.s (20 °C)	

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.

11. Toxicological Information

Acute toxicity

Information on: Diethylmethylbenzenediamine
Assessment of acute toxicity:
EU-classification Of moderate toxicity after single ingestion. Of moderate toxicity after short-term skin contact.

Information on: Diethylmethylbenzenediamine
LD50 rat (oral): 598 mg/kg (OECD Guideline 401)

Irritation

Information on: Diethylmethylbenzenediamine
Assessment of irritating effects:
Not irritating to the skin. Eye contact causes irritation.

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

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.

Information on: Diethylmethylbenzenediamine
Aquatic invertebrates:
EC50 (48 h) < 1 mg/l, Daphnia magna (OECD Guideline 202, part 1)

Persistence and degradability

Information on: diethylmethylbenzenediamine
Assessment biodegradation and elimination (H₂O):
Not readily biodegradable (by OECD criteria).

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

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

Domestic transport:

BASF Safety data sheet
 Date / Revised: 27.04.2010
 Product: **CONIPUR M 860 P.A grey**

Version: 1.0

(30351288/SDS_GEN_SG/EN)

Date of print 28.04.2010

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)

Sea transport

IMDG

Hazard class: 9
 Packing group: III
 ID number: UN 3082
 Hazard label: 9, EHSM
 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)**Directive 1999/45/EC ('Preparation Directive'):

Hazard symbol(s)

Xn Harmful.
 N Dangerous for the environment.

R-phrase(s)

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

BASF Safety data sheet
 Date / Revised: 27.04.2010
 Product: CONIPUR M 860 P.A grey

Version: 1.0

(30351288/SDS_GEN_SG/EN)

Date of print 28.04.2010

S-phrase(s)	
S2	Keep out of the reach of children.
S29	Do not empty into drains.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.

The product is classified and labelled in accordance with EC Directives.

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 2:

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

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.