

# Safety Data Sheet

## MB AE 90

Revision date : 2009/12/30

Version: 1.1

Page: 1/6

(30367969/SDS\_GEN\_US/EN)

### 1. Product and Company Identification

**Company**

BASF Construction Chemicals, LLC  
100 Campus Drive  
Florham Park, NJ 07932, USA

**24 Hour Emergency Response Information**

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP

Chemical family: aqueous solution

### 2. Hazards Identification

**Emergency overview****CAUTION:**

MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

Ingestion may cause irritation to mucous membranes.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Keep container tightly closed.

State of matter: liquid

Colour: dark brown

Odour: odourless

**Potential health effects****Primary routes of exposure:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

**Acute toxicity:**

Ingestion may cause gastrointestinal disturbances.

**Irritation / corrosion:**

May cause slight irritation to the eyes. May cause slight irritation to the skin. May cause slight irritation to the respiratory tract. The product has not been tested. The statement has been derived from the properties of the individual components.

**Potential environmental effects****Aquatic toxicity:**

At the present state of knowledge, no negative ecological effects are expected. 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 products of a similar structure and composition.

# Safety Data Sheet

## MB AE 90

Revision date : 2009/12/30  
Version: 1.1

Page: 2/6  
(30367969/SDS\_GEN\_US/EN)

### 3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
8050-09-7	1.0 - 5.0 %	rosin

### 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.

**If on skin:**

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.

**If in eyes:**

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

**If swallowed:**

Rinse mouth immediately with water. Seek medical attention if necessary. Do not induce vomiting unless told to by a poison control center or doctor.

### 5. Fire-Fighting Measures

Flash point:	not applicable
Autoignition:	not applicable
Lower explosion limit:	not applicable

**Suitable extinguishing media:**

foam, water spray, dry extinguishing media, carbon dioxide

**Unsuitable extinguishing media for safety reasons:**

water jet

**Hazards during fire-fighting:**

carbon monoxide, carbon dioxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

**Protective equipment for fire-fighting:**

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.

# Safety Data Sheet

## MB AE 90

Revision date : 2009/12/30  
Version: 1.1

Page: 3/6  
(30367969/SDS\_GEN\_US/EN)

### **Cleanup:**

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

#### **General advice:**

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. 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. Take precautionary measures against static discharges.

### Storage

#### **General advice:**

Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

#### **Temperature tolerance**

Protect from temperatures below: 0 °C

The packed product must be protected from temperatures below the indicated one.

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## 8. Exposure Controls and Personal Protection

### Components with workplace control parameters

rosin

ACGIH

;  
Included in the regulation, but with no data values - See the regulation for further details

;  
Exposure by all routes should be carefully controlled to levels as low as possible.

### Personal protective equipment

#### **Respiratory protection:**

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

#### **Hand protection:**

Wear chemical resistant protective gloves.

#### **Eye protection:**

Safety glasses with side-shields.

#### **Body protection:**

Impermeable protective clothing

#### **General safety and hygiene measures:**

Avoid contact with the skin, eyes and clothing. 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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# Safety Data Sheet

## MB AE 90

Revision date : 2009/12/30  
Version: 1.1

Page: 4/6  
(30367969/SDS\_GEN\_US/EN)

### 9. Physical and Chemical Properties

Form:	liquid	
Odour:	odourless	
Colour:	dark brown	
pH value:	10.3 - 11.5	( 25 °C)
Boiling point:	100 °C	
Vapour pressure:		No data available.
Density:	1.012 - 1.020 g/cm <sup>3</sup>	( 20 °C)
Relative density:	1.012 - 1.020	
Vapour density:		Heavier than air.
Partitioning coefficient n-octanol/water (log Pow):		No data available.
Viscosity, dynamic:		No data available.
Solubility in water:		soluble

### 10. Stability and Reactivity

**Conditions to avoid:**

Avoid extreme temperatures.

**Substances to avoid:**

strong acids, strong bases, strong oxidizing agents

**Hazardous reactions:**

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

**Decomposition products:**

carbon oxides, nitrogen oxides

**Thermal decomposition:**

No decomposition if stored and handled as prescribed/indicated.

**Oxidizing properties:**

Based on its structural properties the product is not classified as oxidizing.

### 11. Toxicological information

**Sensitization**

*Information on: rosin*

*Assessment of sensitization:*

*Caused skin sensitization in animal studies. Caused sensitization in humans.*

**Other 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 products of a similar structure and composition.

### 12. Ecological Information

**Other adverse effects:**

Ecological data are not available. Do not allow to enter soil, waterways or waste water channels.

# Safety Data Sheet

## MB AE 90

Revision date : 2009/12/30  
Version: 1.1

Page: 5/6  
(30367969/SDS\_GEN\_US/EN)

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### 13. Disposal considerations

**Waste disposal of substance:**

Recommendations: Use excess product in an alternate beneficial application. Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with local authority regulations.

**Container disposal:**

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**

USDOT

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

**Federal Regulations**

**Registration status:**

Chemical TSCA, US released / listed

**OSHA hazard category:** No data available.;

**EPCRA 311/312 (Hazard categories):** Acute;

**State regulations**

**CA Prop. 65:**

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

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### 16. Other Information

**NFPA Hazard codes:**

Health : 1 Fire: 0 Reactivity: 0 Special:

**HMIS III rating**

# Safety Data Sheet

## MB AE 90

Revision date : 2009/12/30

Page: 6/6

Version: 1.1

(30367969/SDS\_GEN\_US/EN)

Health: 1      Flammability: 0      Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

BASF supports worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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### Local Contact Information

BASF Construction Chemicals

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END OF DATA SHEET