

# Safety data sheet

## MB VR STANDARD

Revision date : 2009/02/26  
Version: 1.1

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(30367972/MDS\_GEN\_US/EN)

### 1. Substance/preparation and company identification

Company  
BASF Construction Chemicals  
100 Campus Drive  
Florham Park, NJ 07932

24 Hour Emergency Response Information  
CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP

### 2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
8050-09-7	3.0 - 7.0 %	rosin
1310-73-2	< 1.0 %	Sodium Hydroxide

### 3. Hazard identification

#### Emergency overview

DANGER: HARMFUL IF SWALLOWED.  
MAY BE HARMFUL IF INHALED.  
MAY CAUSE BURNS.  
MAY CAUSE ALLERGIC SKIN REACTION.  
Avoid contact with the skin, eyes and clothing.  
Wash thoroughly after handling.  
Keep container tightly closed.

#### 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:**

The toxicity of the product is based on its corrosivity.

##### **Irritation:**

Based on its pH, the product is regarded as corrosive.

*Information on: Sodium Hydroxide*

*Highly corrosive! Damages skin and eyes. May cause severe damage to the eyes.*

##### **Sensitization:**

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

*Information on: rosin*

*Caused skin sensitization in animal studies.*

*Caused sensitization in humans.*

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### 4. First-aid measures

**General advice:**

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.

**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:**

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

**If swallowed:**

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, administer corticosteroid dose aerosol to prevent pulmonary edema.

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

**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**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.

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### 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:

Keep away from sources of ignition - No smoking. Keep container tightly sealed. Handle and open container with care.

#### Protection against fire and explosion:

The substance/product is non-combustible. The product does not contribute to the spreading of flames, nor is it self combustible, not explosive.

### Storage

#### General advice:

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.

#### Temperature tolerance

Protect from temperatures below: 32 °F

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	;;
Sodium Hydroxide	OSHA	PEL 2 mg/m3 ;
	ACGIH	CLV 2 mg/m3 ;

### Personal protective equipment

#### Respiratory protection:

Wear a NIOSH-certified (or equivalent) respirator as necessary.

#### Hand protection:

Wear chemical resistant protective gloves., Protective glove selection must be based on the user's assessment of the workplace hazards.

#### Eye protection:

Tightly fitting safety goggles (chemical goggles) and face shield.

#### Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

#### 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	
Odour:	soap-like	
Colour:	dark brown	
pH value:	10.4 - 13.5	( 25 °C)
Melting point:	0 °C	
Boiling point:	approx. 101 °C	
Vapour pressure:		No data available.
Relative density:	approx. 1.03	
Vapour density:		Heavier than air.
Partitioning coefficient n-octanol/water (log Pow):		No data available.
Viscosity, dynamic:		No data available.

### 10. Stability and reactivity

**Conditions to avoid:**

See MSDS section 7 - Handling and storage.

**Substances to avoid:**

zinc, aluminium, oxidizing agents, strong alkalies, acids, mild steel, carbon steel (iron)

**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.

### 11. Toxicological information

**Skin irritation:**

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

**Eye irritation :**

Moderate to severe irritation to the eyes.

### 12. Ecological information

**Environmental toxicity**

**Other ecotoxicological advice:**

Ecological data are not available.

### 13. Disposal considerations

**Waste disposal of substance:**

Observe national and local legal requirements.

Residues should be disposed of in the same manner as the substance/product.

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### Container disposal:

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

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

## 15. Regulatory information

### Federal Regulations

#### Registration status:

TSCA, US released / listed

SARA hazard categories (EPCRA 311/312): Acute

### State regulations

#### State RTK

#### CAS Number

1310-73-2

#### Chemical name

Sodium Hydroxide

#### State RTK

MA, NJ, PA

## 16. Other information

### HMIS III rating

Health: 3 Flammability: 0 Physical hazard: 0

HMIS uses 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 high hazard.

END OF DATA SHEET