

# Safety Data Sheet

## MasterFiber F100

Revision date : 2015/10/05  
Version: 2.0

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(50122279/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## MasterFiber F100

#### Recommended use of the chemical and restriction on use

Recommended use\*: Additive for cement industry

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

Company:  
BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

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### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### Classification of the product

No need for classification according to GHS criteria for this product.

#### Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

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### Emergency overview

#### CAUTION:

Product may present a nuisance dust hazard.  
Contact with the eyes or skin may cause mechanical irritation.  
Avoid contact with the skin, eyes and clothing.  
Avoid inhalation of dusts.  
Wear protective clothing.  
Wear a NIOSH-certified (or equivalent) particulate respirator.

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### 3. Composition / Information on Ingredients

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

This product does not contain any components classified as hazardous under the referenced regulation.

#### According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
	100.0 %	Proprietary polyolefin concrete fiber

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

First aid personnel should pay attention to their own safety.

##### If inhaled:

Remove victim to fresh air and away from exposure immediately. If not breathing, give artificial respiration. Seek medical attention.

##### If on skin:

Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. If large slivers or particles penetrate skin, get medical attention. If symptoms persist, seek medical advice.

##### If swallowed:

Do not induce vomiting unless told to by a poison control center or doctor. If large quantities are ingested, seek medical advice.

#### 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

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### Note to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

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## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
carbon dioxide, dry powder, foam, water spray

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
See MSDS section 7 - Handling and storage.

### Advice for fire-fighters

Protective equipment for fire-fighting:  
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### Further information:

Copious amounts of water may be used to cool exposures. Dust can form an explosive mixture with air. In case of combustion evolution of toxic gases/vapours possible.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

### Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

Sweep/shovel up. Place into suitable containers for reuse or disposal in a licensed facility. Dispose of in accordance with national, state and local regulations.

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## 7. Handling and Storage

### Precautions for safe handling

Ensure thorough ventilation of stores and work areas.

### Protection against fire and explosion:

Avoid dust formation. Dust can form an explosive mixture with air.

### Conditions for safe storage, including any incompatibilities

Suitable materials for containers: Paper/Fibreboard

Further information on storage conditions: Avoid dust formation, product dust can form an explosive mixture with air.

Storage stability:

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Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.  
Protect from direct sunlight.

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### 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

#### **Advice on system design:**

Provide local exhaust ventilation to maintain recommended P.E.L.

#### **Personal protective equipment**

##### **Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) respirator as necessary.

##### **Hand protection:**

Protective glove selection must be based on the user's assessment of the workplace hazards.

##### **Eye protection:**

Safety glasses with side-shields.

##### **Body protection:**

Body protection must be chosen based on level of activity and exposure.

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

Handle in accordance with good industrial hygiene and safety practice. Food, beverages, and tobacco products shall not be carried, stored, or consumed where this material is in use. Hands and/or face should be washed before breaks and at the end of the shift. Handle in accordance with good industrial hygiene and safety practice.

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### 9. Physical and Chemical Properties

Form:	fibers fibers
Odour:	odourless
Odour threshold:	No applicable information available.
Colour:	unspecified
pH value:	not applicable
Melting point:	approx. 162 °C
Boiling point:	not applicable
Flash point:	Non-flammable.
Flammability:	not determined
Vapour pressure:	not applicable
Bulk density:	910 kg/m <sup>3</sup> ( 20 °C)
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Self-ignition temperature:	593 °C
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Solubility in water:	not soluble

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### 10. Stability and Reactivity

#### Reactivity

Oxidizing properties:

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

#### Chemical stability

#### Possibility of hazardous reactions

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

#### Conditions to avoid

#### Incompatible materials

#### Hazardous decomposition products

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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### 11. Toxicological information

#### Primary routes of exposure

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

#### Acute Toxicity/Effects

##### Acute toxicity

Assessment of acute toxicity: Not expected to be acutely toxic.

##### Irritation / corrosion

Assessment of irritating effects: Mechanical irritation effects from dust exposure are possible at ambient temperature. Mechanical rubbing may increase skin irritation.

##### Sensitization

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

#### Chronic Toxicity/Effects

##### 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.

#### Symptoms of Exposure

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

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## 12. Ecological Information

### Toxicity

Aquatic toxicity

Assessment of 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 substances/products of a similar structure or composition.

### Bioaccumulative potential

Assessment bioaccumulation potential

Discharge into the environment must be avoided.

### Mobility in soil

Assessment transport between environmental compartments

No data available.

### Additional information

Other ecotoxicological advice:

Ecological data are not available.

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## 13. Disposal considerations

### Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. Recommendations: Use excess product in an alternate beneficial application.

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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

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### Registration status:

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Not hazardous;

### NFPA Hazard codes:

Health : 0 Fire: 1 Reactivity: 0 Special:

### HMIS III rating

Health: 0 Flammability: 1 Physical hazard: 0

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## 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2015/10/05

We support 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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