

# Safety data sheet

## FINESTONE FINEMIST

Revision date : 2009/01/23

Page: 1/6

Version: 2.0

(260169/MDS\_GEN\_US/EN)

### 1. Substance/preparation and company identification

Company

BASF CORPORATION  
100 Campus Drive  
Florham Park, NJ 07932, USA

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>
14808-60-7	60.0 - 100.0 %	crystalline silica
1309-37-1	1.0 - 5.0 %	Iron oxide
13463-67-7	1.0 - 5.0 %	titanium dioxide
1332-58-7	0.5 - 1.5 %	Kaolin

### 3. Hazard identification

Emergency overview

WARNING: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
CONTAINS MATERIAL WHICH CAN CAUSE CANCER.

Ingestion may cause irritation to mucous membranes.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly after handling.

Keep container tightly closed.

No exposure to respirable Crystalline (quartz) Silica anticipated with recommended use of product.

No exposure to respirable titanium dioxide anticipated with recommended use of product.

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.

**Repeated dose toxicity:**

Information on: Iron oxide

*Chronic exposures have been known to produce pneumoconiosis (chronic inflammatory and fibrotic lung disease).*

*The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.*

*The product has not been tested. The statement has been derived from products of a similar structure and composition.*

# Safety data sheet

## FINESTONE FINEMIST

Revision date : 2009/01/23

Page: 2/6

Version: 2.0

(260169/MDS\_GEN\_US/EN)

---

### 4. First-aid measures

**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 thoroughly with soap and water. If symptoms persist, seek medical advice.

**If in eyes:**

Flush with copious amounts of water for at least 15 minutes. If symptoms persist, seek medical advice.

**If swallowed:**

Do not induce vomiting unless told to by a poison control center or doctor. If person is conscious and can swallow, give two glasses of water.

---

### 5. Fire-fighting measures

Flash point: 93.34 °C

Lower explosion limit:

No data available.

Upper explosion limit:

No data available.

**Suitable extinguishing media:**

water spray

**Protective equipment for fire-fighting:**

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

**Further information:**

Sealed containers should be protected against heat as this results in pressure build-up. Keep containers cool by spraying with water if exposed to fire.

---

### 6. Accidental release measures

**Personal precautions:**

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.

**Cleanup:**

Dike spillage. Vacuum up spilled product. Pick up with inert absorbent material (if possible). Dispose of absorbed material in accordance with regulations.

---

### 7. Handling and storage

**Handling**

**General advice:**

Ensure thorough ventilation of stores and work areas.

# Safety data sheet

## FINESTONE FINEMIST

Revision date : 2009/01/23

Page: 3/6

Version: 2.0

(260169/MDS\_GEN\_US/EN)

### Storage

#### **General advice:**

Keep container tightly closed and dry; store in a cool place.

#### **Temperature tolerance**

Protect from temperatures below: 0 °C

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

Protect from temperatures below: 32 °F

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

---

## 8. Exposure controls and personal protection

### Components with workplace control parameters

crystalline silica	OSHA	TWA value 2.4 millions of particles per cubic foot of air Respirable ; TWA value 0.1 mg/m3 Respirable ; TWA value 0.3 mg/m3 Total dust ;
Iron oxide	ACGIH	TWA value 0.025 mg/m3 Respirable fraction ;
titanium dioxide	ACGIH	TWA value 5 mg/m3 Respirable fraction ;
	OSHA	PEL 15 mg/m3 Total dust ;
Kaolin	ACGIH	TWA value 10 mg/m3 ;
	OSHA	PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ;
	ACGIH	TWA value 2 mg/m3 Respirable fraction ;

#### **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:**

impermeable gloves

#### **Eye protection:**

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

#### **Body protection:**

Impermeable protective clothing

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

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.

---

## 9. Physical and chemical properties

Form:	viscous	
Odour:	odourless	
Colour:	pigmented	
pH value:		Unspecified
Melting point:		Unspecified
Boiling point:		Unspecified
Vapour pressure:		No data available.
Relative density:	2.65 - 4.0	
Vapour density:		Heavier than air.

# Safety data sheet

## FINESTONE FINEMIST

Revision date : 2009/01/23

Page: 4/6

Version: 2.0

(260169/MDS\_GEN\_US/EN)

Partitioning coefficient n-octanol/water (log Pow):  
Viscosity, dynamic:  
Solubility in other solvents:

No data available.  
No data available.  
soluble

## 10. Stability and reactivity

### Conditions to avoid:

Avoid prolonged exposure to extreme heat. Avoid freezing.

### Hazardous reactions:

The product is chemically stable.

No hazardous reactions when stored and handled according to instructions.

### Decomposition products:

No data available.

## 11. Toxicological information

### Acute toxicity

#### Oral:

No data available.

#### Inhalation:

No data available.

#### Dermal:

No data available.

### Chronic toxicity

#### Carcinogenicity:

IARC has determined that there is sufficient evidence of carcinogenicity in both humans and experimental animals for inhaled crystalline silica in the form of quartz or cristobalite.

*Information on: crystalline silica*

*The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known) human carcinogen.*

*Information on: titanium dioxide*

*IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

*In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed.*

*Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation.*

*In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed.*

*Dermal exposure is not expected to be carcinogenic.*

-----

## 12. Ecological information

### Environmental toxicity

# Safety data sheet

## FINESTONE FINEMIST

Revision date : 2009/01/23

Page: 5/6

Version: 2.0

(260169/MDS\_GEN\_US/EN)

### Other ecotoxicological advice:

Ecological data are not available.

## 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.

## 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

#### OSHA hazard category:

IARC 1, 2A or 2B carcinogen, NTP listed carcinogen, Chronic target organ effects reported, OSHA PEL established, ACGIH TLV established

**SARA hazard categories (EPCRA 311/312):** Acute, Chronic

### State regulations

#### State RTK

#### CAS Number

14808-60-7

13463-67-7

1332-58-7

#### Chemical name

crystalline silica

titanium dioxide

Kaolin

#### State RTK

MA, NJ, PA

MA, NJ, PA

MA, PA

#### CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

# Safety data sheet

## FINESTONE FINEMIST

Revision date : 2009/01/23

Page: 6/6

Version: 2.0

(260169/MDS\_GEN\_US/EN)

---

### 16. Other information

#### HMIS III rating

Health: 1      Flammability: 1      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.

---

#### Local contact information

NTU/R NAFTA

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.  
END OF DATA SHEET