



The Chemical Company

# Safety data sheet

## RHEOCOLOR® L MOUNTAIN ASH

Revision date : 2008/08/04  
Version: 1.0

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(30453662/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>
1309-37-1	7.0 - 13.0 %	Iron oxide
1333-86-4	1.0 - 5.0 %	carbon black

### 3. Hazard identification

#### Emergency overview

WARNING: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
Ingestion may cause irritation to mucous membranes.  
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.

### 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:**

Wash thoroughly with soap and water. If irritation develops, seek medical attention.

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**If in eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

**If swallowed:**

Rinse mouth immediately and then drink plenty of water, seek medical attention.

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### 5. Fire-fighting measures

Flash point:

Not applicable

**Suitable extinguishing media:**

foam, water spray, dry extinguishing media

**Unsuitable extinguishing media for safety reasons:**

water jet

**Hazards during fire-fighting:**

carbon monoxide, carbon dioxide, harmful vapours  
Evolution of fumes/fog.

**Protective equipment for fire-fighting:**

Wear a self-contained breathing apparatus.

**Further information:**

Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. 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:**

Do not breathe vapour/aerosol/spray mists. Avoid contact with the skin, eyes and clothing. Use personal protective clothing. Handle in accordance with good industrial hygiene and safety practice.

**Environmental precautions:**

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

**Cleanup:**

For small amounts: Pick up with suitable appliance and dispose of. Contain with absorbent material (e.g. sand, silica gel, acid binder, general purpose binder, sawdust). 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 dusts/mists/vapours.

**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. Take precautionary measures against static discharges.

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### Storage

#### **General advice:**

Containers should be stored tightly sealed in a dry place. Keep away from heat. Store protected against freezing. Keep only in the original container.

## 8. Exposure controls and personal protection

### Components with workplace control parameters

Iron oxide	ACGIH	TWA value 5 mg/m3 Respirable fraction ;
carbon black	OSHA	PEL 3.5 mg/m3 ;
	ACGIH	TWA value 3.5 mg/m3 ;

### 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 (frame goggles) (e.g. EN 166)

#### **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).

## 9. Physical and chemical properties

Form:	liquid
Odour:	odourless
Colour:	brown
pH value:	8.5 - 9.5
Density:	15.28 lb/USg
Viscosity, dynamic:	2,000 - 4,000 mPa.s

## 10. Stability and reactivity

#### **Hazardous reactions:**

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

#### **Thermal decomposition:**

No decomposition if stored and handled as prescribed/indicated.

## 11. Toxicological information

### Acute toxicity

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**Oral:**

No data available.

**Inhalation:**

No data available.

**Dermal:**

No data available.

**Carcinogenicity:**

*Information on: carbon black*

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

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

*A clear indication of an increased risk of cancer in humans has so far not been shown.*

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## 12. Ecological information

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## 13. Disposal considerations

**Waste disposal of substance:**

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

Reference Bill of Lading

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## 15. Regulatory information

Federal Regulations

**Registration status:**

TSCA, US released / listed

**OSHA hazard category:**

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

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

State regulations

State RTK

CAS Number

1333-86-4

Chemical name

carbon black

State RTK

MA, NJ, PA

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**CA Prop. 65:**

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

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### 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.

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