

# Safety Data Sheet

## CONCRETSIVE 1430 PT B

Revision date : 2012/03/05  
Version: 1.0

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### 1. Product and Company Identification

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

24 Hour Emergency Response Information  
CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

### 2. Hazards Identification

#### Emergency overview

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

State of matter: solid  
Colour: grey  
Odour: strong

#### 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:**

Harmful in contact with skin.

##### **Irritation / corrosion:**

Causes burns.

##### **Sensitization:**

May cause sensitization by skin contact.

##### **Signs and symptoms of overexposure:**

skin corrosion, Eye irritation

#### Potential environmental effects

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### **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 or composition.

### **Degradation / environmental fate:**

Moderately/partially biodegradable.

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## 3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
1317-65-3	>= 40.0 - <= 70.0 %	Limestone
694-83-7	>= 15.0 - <= 40.0 %	cyclohex-1,2-ylene diamine
471-34-1	>= 3.0 - <= 7.0 %	Calcium carbonate

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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:**

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

### **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.

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## 5. Fire-Fighting Measures

Flash point: Non-flammable.  
Flammability: not highly flammable

### **Suitable extinguishing media:**

foam, water spray, dry powder, 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. 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.

#### 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.

### 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 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.

### 8. Exposure Controls and Personal Protection

#### Components with workplace control parameters

Calcium carbonate	OSHA	PEL 5 mg/m3 Total dust ;	Respirable fraction ; PEL 15 mg/m3
Limestone	OSHA	PEL 5 mg/m3 Total dust ;	Respirable fraction ; PEL 15 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.

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### 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).

## 9. Physical and Chemical Properties

Form:	gel	
Odour:	strong	
Colour:	grey	
pH value:		alkaline
Density:	approx. 1.00 g/cm <sup>3</sup>	(approx. 20 °C)
Bulk density:	approx. 1,600 kg/m <sup>3</sup>	
Solubility in water:		( 20 °C) emulsifiable
Miscibility with water:		( 20 °C) not soluble
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

## 10. Stability and Reactivity

### Conditions to avoid:

See MSDS section 7 - Handling and storage.

### Substances to avoid:

zinc, aluminium, oxidizing agents, strong alkalies, acids

### Hazardous reactions:

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

### Decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

### Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

### Corrosion to metals:

Corrosive effects to metal are not anticipated.

## 11. Toxicological information

### Acute toxicity

*Information on: cyclohex-1,2-ylene diamine*

*Assessment of acute toxicity:*

*Of low toxicity after single ingestion. Of moderate toxicity after short-term skin contact.*

### Irritation / corrosion:

#### Skin:

*Information on: cyclohex-1,2-ylene diamine*

*Species: rabbit*

*Result: Corrosive.*

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### Sensitization

*Information on: cyclohex-1,2-ylene diamine*  
*Assessment of sensitization:*  
*Sensitization after skin contact possible.*  
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Can sensitize the skin and/or respiratory tract of allergic persons.

### Other Information:

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

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## 12. Ecological Information

### Other adverse effects:

There is a high probability that the product is not acutely harmful to aquatic organisms. Do not discharge product into the environment without control. The product has not been tested. The statement has been derived from the properties of the individual components.

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## 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.

### 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

Hazard class:	8
Packing group:	I
ID number:	UN 2735
Hazard label:	8
Proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (contains 2-(2-AMINOETHYLAMINO)ETHANOL)

### Sea transport

IMDG

Hazard class:	8
Packing group:	I
ID number:	UN 2735
Hazard label:	8
Marine pollutant:	NO
Proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (contains 2-(2-AMINOETHYLAMINO)ETHANOL)

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### Air transport

IATA/ICAO

Hazard class: 8  
Packing group: I  
ID number: UN 2735  
Hazard label: 8  
Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (contains 2-(2-AMINOETHYLAMINO)ETHANOL)

## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

OSHA hazard category: No data available.;

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

### State regulations

#### State RTK

MA, NJ, PA

#### CAS Number

471-34-1

#### Chemical name

Calcium carbonate

## 16. Other Information

### HMIS III rating

Health: 3 Flammability: 1 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.

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.

### MSDS Prepared by:

BASF NA Product Regulations

MSDS Prepared on: 2012/03/05

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