

Safety data sheet

UCRETE HP HPQ NEUTRAL PTC

Revision date : 2009/07/17
Version: 2.0

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(30416377/SDS_GEN_CA/EN)

1. Substance/preparation and company identification

Company
BASF CANADA
100 Milverton Drive
Mississauga, ON L5R 4H1

24 Hour Emergency Response Information
CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE (800) 454-COPE (2673)

2. Hazardous ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
14808-60-7	>= 60.0 - <= 100.0 %	crystalline silica
65997-15-1	>= 10.0 - <= 30.0 %	Cement, portland, chemicals

3. Hazard identification

Emergency overview

IRRITANT. Contains a carcinogen.
Irritating to eyes and skin.
In combination with water, repeated or prolonged dermal exposure can cause moderate to severe alkali burns.

Potential health effects

4. First-aid measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

After inhalation of dust. Keep patient calm, remove to fresh air. If difficulties occur: Obtain 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:

Flush with copious amounts of water for at least 15 minutes.

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: The substance/product is non-combustible.
Self-ignition temperature: not self-igniting

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

Unsuitable extinguishing media for safety reasons:
water jet

Hazards during fire-fighting:
carbon monoxide, carbon dioxide, harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:
Wear self-contained breathing apparatus and chemical-protective clothing.

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.

6. Accidental release measures

Personal precautions:
Avoid dust formation. Avoid contact with skin and eyes. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:
No special precautions necessary.

Do not discharge into drains/surface waters/groundwater.

Cleanup:
Avoid raising dust.

For small amounts: Pick up with suitable appliance and dispose of.
For large amounts: Pick up with suitable appliance and dispose of. Pack in tightly closed containers for disposal.
For residues: Rinse with plenty of water.

7. Handling and storage

Handling

General advice:
Avoid dust formation. The Cement contained in this product reacts alkaline when in contact with water or humidity. This may cause severe irritation of skin or mucous membranes. The humidity of the skin or mucous membranes is enough for this reaction. Prolonged direct contact to the dry product should be avoided therefore. Avoid inhalation of dusts. Avoid skin contact. Pour downwind and allow as little free fall as possible while emptying bags into equipment. Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:
No special precautions necessary.

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Storage

General advice:

Containers should be stored tightly sealed in a dry place.

8. Exposure controls and personal protection

Components with workplace control parameters

Iron oxide	OSHA	PEL 10 mg/m3 fumes/smoke ;
	ACGIH	TWA value 5 mg/m3 Respirable fraction ;
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 ;
	ACGIH	TWA value 0.025 mg/m3 Respirable fraction ;
Cement, portland, chemicals	OSHA	PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ;
	ACGIH	TWA value 10 mg/m3 ;

Advice on system design:

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

Personal protective equipment

Hand protection:

Chemical resistant protective gloves, Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

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

General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts. 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

Odour:	odourless	
Odour threshold:	No data available.	
Colour:	grey	
Relative density:		No data available.
Bulk density:	1,800 - 2,400 kg/m3	
Solubility in water:		not available

10. Stability and reactivity

Conditions to avoid:

Avoid dust formation. Avoid humidity.

Substances to avoid:

strong acids, strong bases, strong oxidizing agents

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Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.
Strong bases are formed on the addition of water.

Oxidizing properties:

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

11. Toxicological information

Acute toxicity

Oral:

LD50/ > 5,000 mg/kg

No systemic toxicity

Skin irritation:

Irritant.

Eye irritation :

Risk of serious damage to eyes.

12. Ecological information

Environmental fate and transport

Biodegradation:

Evaluation: Non-biodegradable.

Environmental toxicity

Other ecotoxicological advice:

Do not discharge product into the environment without control. Due to the pH-value of the product, neutralization is generally required before discharging sewage into treatment plants. Do not release untreated into natural waters.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with local authority regulations.
Do not discharge into drains/surface waters/groundwater.

Container disposal:

Completely emptied packagings can be given for recycling.

14. Transport information

Land transport

TDG

Not classified as a dangerous good under transport regulations

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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:
DSL, CA released / listed

WHMIS classification: D2A: Materials Causing Other Toxic Effects - Very toxic material
D2B: Materials Causing Other Toxic Effects - Toxic material
E: Corrosive material



THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16. Other information

Local contact information
Construction Chemicals
bcc_prps@basf.com

END OF DATA SHEET