

Safety Data Sheet

UCRETE MF HP HPQ PTB

Revision date : 2009/09/14

Version: 1.0

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(30397338/SDS_GEN_CA/EN)

1. Product 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. Hazards Identification

Emergency overview

IRRITANT.
Irritating to eyes and skin.
Contains a suspect carcinogen.

State of matter: liquid
Colour: brown

Potential health effects**Acute toxicity:**

Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Of moderate toxicity after short-term inhalation.

Irritation / corrosion:

Irritating to eyes, respiratory system and skin.

Sensitization:

The substance may cause sensitization of the respiratory tract. Sensitization after skin contact possible.

Chronic toxicity:

Carcinogenicity: Based on the ingredients there is a suspicion of a carcinogenic effect.

Reproductive toxicity: Repeated inhalative uptake of the substance did not cause damage to the reproductive organs.

Teratogenicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

Genotoxicity: The substance was mutagenic in various test systems with microorganisms and cell cultures; however, these results could not be confirmed in tests with mammals.

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Potential environmental effects

Aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. No toxic effects occur within the range of solubility.

3. Composition / Information on Ingredients

| <u>CAS Number</u> | <u>Content (W/W)</u> | <u>Hazardous ingredients</u> |
|-------------------|----------------------|------------------------------|
| 9016-87-9 | >= 60.0 - <= 100.0 % | P-MDI |

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:

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 with water. Seek medical attention if necessary. Do not induce vomiting unless told to by a poison control center or doctor.

5. Fire-Fighting Measures

Flash point: 93.3 °C (closed cup)

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, nitrogen oxides, fumes/smoke, carbon black

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

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:

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The product does not contribute to the spreading of flames, nor is it self combustible, not explosive. Take precautionary measures against static discharges.

Storage

General advice:

Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

8. Exposure Controls and Personal Protection

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour respirator.

Hand protection:

Wear chemical resistant protective gloves.

Eye protection:

Safety glasses with side-shields.

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).

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9. Physical and Chemical Properties

| | | |
|---|--------------------|--------------------------------|
| Form: | liquid | |
| Odour threshold: | No data available. | |
| Colour: | brown | |
| pH value: | | not applicable |
| : | | No data available. |
| : | 300 °C | |
| Vapour pressure: | 0.000004 mmHg | (20 °C) |
| Density: | 1.23 g/cm3 | (20 °C) |
| Relative density: | 1.23 | |
| Bulk density: | | Unspecified |
| Partitioning coefficient n-octanol/water (log Pow): | | No data available. |
| Solubility in water: | | Reacts with water., hydrolyzes |

10. Stability and Reactivity

Conditions to avoid:
Avoid extreme temperatures.

Substances to avoid:
strong acids, strong bases, strong oxidizing agents

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

Oral:
Type of value: LD50
Species: rat
Value: 5,000 mg/kg

Dermal:
Type of value: LD50
Species: rabbit
Value: 5,000 mg/kg

Irritation / corrosion

Skin:
Result: Irritant.

Eye:
Result: Irritant.

Experiences in humans:
Can severely irritate the eyes and respiratory tract depending upon the concentration.

Other Information:

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There is no reason to fear a risk of damage to the developing embryo or fetus when the MAK value is adhered to. Indication of possible carcinogenic effect in animal tests.

12. Ecological Information

Degradability / Persistence

Biological / Abiological Degradation

Test method: OECD Guideline 302 C (aerobic), activated sludge
Method of analysis: BOD of the ThOD
Degree of elimination: < 10 % (28 d)
Evaluation: Under test conditions no biodegradation observed.
Poorly biodegradable.

Bioaccumulation

Accumulation in organisms is not to be expected.

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:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

14. Transport Information

Land transport

TDG

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:

Chemical DSL, CA released / listed

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WHMIS classification: B3: Combustible Liquid

D2B: Materials Causing Other Toxic Effects - Toxic 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

BASF supports 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.

Local Contact Information

EB/S Raw materials
+49 (0) 621 60 74270 o. 74453

BASF Construction Chemicals
bcc_prps@basf.com

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