

# Safety data sheet

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BASF Safety data sheet

Date / Revised: 05.07.2010

Version: 1.0

Product: **UCRETE PART 2 COMMON LARGE**(30346785/SDS\_GEN\_SG/EN)

Date of print 09.11.2010

## 1. Substance/preparation and company identification

### UCRETE PART 2 COMMON LARGE

Use: Product for construction chemicals

Company:

BASF South East Asia Pte Ltd.

7 Temasek Boulevard,

#35-01 Suntec Tower One, 038987, SINGAPORE

Telephone: +65 6 337-0330

Telefax number: +65 6 334-0330

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Emergency information:

International emergency number:

Telephone: +49 180 2273-112

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## 2. Hazard identification

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## 3. Composition/information on ingredients

Chemical nature

Blend based on: isocyanate

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## 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.

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**On skin contact:**

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.

**On contact with eyes:**

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

**On ingestion:**

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

**Suitable extinguishing media:**

foam, water spray, dry powder, carbon dioxide

**Unsuitable extinguishing media for safety reasons:**

water jet

**Specific hazards:**

carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

**Special protective equipment:**

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.

**Methods for cleaning up or taking up:**

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.

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## 7. Handling and Storage

**Handling**

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

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### Storage

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight.

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## 8. Exposure controls and personal protection

### Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. 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  
Colour: dark brown  
Odour: characteristic

pH value: slightly alkaline

: not applicable  
Boiling point: 350 °C  
(1,013 hPa)

Flash point: > 200 °C (DIN 53213-1)

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Flammability (solid/gas): not self-igniting

Ignition temperature: &gt; 400 °C

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

Vapour pressure: < 0.0001 hPa  
(50 °C)Density: 1.24 g/cm<sup>3</sup>  
(20 °C)Partitioning coefficient n-octanol/water (log Pow):  
not applicableViscosity, dynamic: 90 - 300 mPa.s  
(23 °C)

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## 10. Stability and Reactivity

Conditions to avoid:

See MSDS section 7 - Handling and storage.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:

strong acids, strong bases, strong oxidizing agents

Corrosion to metals: No corrosive effect on metal.

Hazardous reactions:

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

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## 11. Toxicological Information

### Acute toxicity

Experimental/calculated data:

LD50 rat (oral): &gt; 10,000 mg/kg

LC50 rat (by inhalation): approx. 0.493 mg/l 4 h

### Irritation

Assessment of irritating effects:

Irritating to eyes, respiratory system and skin.

### Respiratory/Skin sensitization

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Assessment of sensitization:

May cause sensitization by inhalation and skin contact.

**Other relevant toxicity information**

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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**12. Ecological Information****Ecotoxicity**

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. At the present state of knowledge, no negative ecological effects are expected.

Toxicity to fish:

LC0 (96 h) &gt; 1,000 mg/l, Fish

**Additional information**

Other ecotoxicological advice:

Do not allow to enter soil, waterways or waste water channels. Do not discharge substance/product into sewer system. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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**13. Disposal Considerations**

Observe national and local legal requirements.

Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging:

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****Domestic transport:**

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

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## 15. Regulatory Information

### Regulations of the European union (Labelling)

#### EEC Directives:

##### Hazard symbol(s)

Xn Harmful.

##### R-phrases(s)

R20 Harmful by inhalation.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R42/43 May cause sensitization by inhalation and skin contact.

##### S-phrases(s)

S2 Keep out of the reach of children.  
S23.12 Do not breathe vapour/aerosol/spray mists.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

### Other regulations

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## 16. Other Information

In addition to the information given in the safety data sheet we refer to the product specific 'Technical Information'.

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.