



The Chemical Company

## Safety data sheet

### ULTRAMID® B3L UNCOLORED POLYAMIDE

Revision date : 2007/01/22

Version: 1.0

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(30045755/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

CAS Number

25038-54-4

Content (W/W)

<= 100.0 %

Chemical name

polyamide (PA 6)

#### 3. Hazard identification

Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

INGESTION MAY CAUSE GASTRIC DISTURBANCES.

Use with local exhaust ventilation.

Wear a NIOSH-certified (or equivalent) particulate respirator.

Wear protective clothing.

Eye wash fountains and safety showers must be easily accessible.

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:**

Contact with molten product may cause thermal burns. The resin in pelleted form poses a low hazard.

**Repeated dose toxicity:**

No known chronic effects.

#### 4. First-aid measures

**General advice:**

Remove contaminated clothing.



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**If inhaled:**

Assist in breathing if necessary. Keep patient calm, remove to fresh air. Consult a physician.

**If on skin:**

Burns caused by molten material require hospital treatment.

**If in eyes:**

If irritation develops, seek medical attention. In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

**If swallowed:**

Ingestion is not likely in the available physical form. If ingested, seek medical attention.

### 5. Fire-fighting measures

Autoignition: > 400 °C (ASTM D1929)

**Suitable extinguishing media:**

water, foam, dry extinguishing media

**Hazards during fire-fighting:**

carbon monoxide, hydrogen cyanide, can be emitted at > 300 °C

Formation of further decomposition and oxidation products depends upon the fire conditions. Under special fire conditions traces of other toxic substances are possible.

**Further information:**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### 6. Accidental release measures

**Cleanup:**

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Pick up with suitable appliance and dispose of.

**Further information:**

High risk of slipping due to leakage/spillage of product.

### 7. Handling and storage

**Handling****Protection against fire and explosion:**

Take precautionary measures against static discharges.

**Storage****General advice:**

Keep container tightly closed. Avoid deposition of dust.

**Storage stability:**

Protect against moisture.



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### 8. Exposure controls and personal protection

**Advice on system design:**

Ensure adequate ventilation.

**Personal protective equipment**

**Respiratory protection:**

Wear a NIOSH-certified (or equivalent) particulate respirator. Wear respiratory protection if ventilation is inadequate.

**Hand protection:**

Wear gloves to prevent contact during mechanical processing and/or hot melt conditions.

**Eye protection:**

Tightly fitting safety goggles (chemical goggles).

### 9. Physical and chemical properties

Form:	granules
Odour:	odourless
Colour:	various, depending on the colourant
Melting temperature:	approx. 220 °C (DIN 53736)
Density:	1.00 - 1.20 g/cm <sup>3</sup> (20 °C) (EN ISO 1183-1)
Bulk density:	500 - 800 kg/m <sup>3</sup>
Solubility in water:	insoluble

### 10. Stability and reactivity

**Decomposition products:**

Hazardous decomposition products: carbon monoxide, hydrogen cyanide

**Thermal decomposition:**

> 300 °C

### 11. Toxicological information

**Chronic toxicity**

**Other information:**

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

### 12. Ecological information

**Environmental fate and transport**

**Biodegradation:**

Evaluation: Experience shows this product to be inert and non-degradable.



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### Bioaccumulation:

The product will not be readily bioavailable due to its consistency and insolubility in water..

## 13. Disposal considerations

### Waste disposal of substance:

Check for possible recycling.

May be disposed of or combusted with domestic refuse according to local regulations.

### Container disposal:

Packs must be completely emptied. Completely emptied packagings can be given for recycling.

## 14. Transport information

### Land transport

USDOT

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:

TSCA, US

released / listed

**SARA hazard categories (EPCRA 311/312):** Not hazardous

## 16. Other information

### Local contact information

Tech Desk

1-800-527-8324

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