

# Safety data sheet

## ULTRAMID® A3WG7 UNCOLORED POLYAMIDE

Revision date : 2008/10/31

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Version: 1.0

(30045140/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

Chemical family: polyamide

### 2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
32131-17-2	60.0 - 80.0 %	polyamide (PA 66)
65997-17-3	30.0 - 50.0 %	Glass, oxide, chemicals

### 3. Hazard identification

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.

**Irritation:**

Irritation is possible when the product comes in contact with the skin, respiratory tract or the eyes.

**Sensitization:**

No data available concerning sensitizing effects. provisional classification.

Potential environmental effects**Aquatic toxicity:**

The product has not been tested. The statement has been derived from the structure of the product. There is a high probability that the product is not acutely harmful to aquatic organisms.

### 4. First-aid measures

**General advice:**

Remove contaminated clothing.



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### If on skin:

Burns caused by molten material require hospital treatment.

## 5. Fire-fighting measures

Autoignition: > 400 °C (ASTM D1929)  
Self-ignition temperature: not self-igniting

### Suitable extinguishing media:

water, foam, dry extinguishing media

### Hazards during fire-fighting:

carbon monoxide, hydrogen cyanide, can be emitted at > 310 °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

#### General advice:

Provide suction extractors if dust is formed. Any unavoidable deposit of dust must be regularly removed.

#### 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.

## 8. Exposure controls and personal protection

### Components with workplace control parameters

Glass, oxide, chemicals

ACGIH

TWA value 5 mg/m<sup>3</sup> Inhalable fraction ; TWA value 1 fibers/cm<sup>3</sup> Fiber ; TWA value 1 fibers/cm<sup>3</sup> Fiber ; TWA value 0.2 fibers/cm<sup>3</sup> Fiber ;



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### Advice on system design:

Provide local exhaust ventilation to control dusts/vapours.

## 9. Physical and chemical properties

Form:	granules	
Odour:	odourless	
Colour:	various, depending on the colourant	
pH value:		not applicable
Melting temperature:	approx. 260 °C	(DIN 53765)
Boiling range:		The substance / product decomposes therefore not determined.
Vapour pressure:		not applicable
Density:	1.15 - 1.60 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:

> 310 °C

## 11. Toxicological information

### Chronic toxicity

### Genetic toxicity:

No data available concerning mutagenic effects.  
provisional classification.

### 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.

### Bioaccumulation:

Because of the product's consistency and low water solubility, bioavailability is improbable.



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### 13. Disposal considerations

**Waste disposal of substance:**

Check for possible recycling.

Dispose of in accordance with national, state and 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

**State regulations**

**State RTK**

**CAS Number**

65997-17-3

**Chemical name**

Glass, oxide, chemicals

**State RTK**

MA, NJ, PA

**CA Prop. 65:**

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

### 16. Other information

**HMIS III rating**

Health: 1

Flammability: 1

Physical hazard: 0

HMIS uses 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 high hazard.



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### Local contact information

Tech Desk  
800 5278324

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