

# Safety data sheet

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BASF Safety data sheet

Date / Revised: 30.04.2025

Product: **ULTRAMID® A3WC4 POLYAMIDE**

Version: 1.2

(30045108/SDS\_GEN\_PH/EN)

Date of print: 23.10.2025

## 1. Substance/preparation and manufacturer/supplier identification

### Product name:

**ULTRAMID® A3WC4 POLYAMIDE**

Use: Polymer

Recommended use: Polymer, for industrial processing only

#### Manufacturer/supplier:

BASF Philippines, Inc.

Upper Penthouse CTP ASEAN Tower

Asean Drive, Spectrum District

Filinvest Corporate City, Alabang,

Muntinlupa City, 1781, Metro Manila

PHILIPPINES

Telephone: +63 2 8811-8001

E-mail address: psr.ph@basf.com

#### Emergency information:

National emergency number:

+63 2 8831 5576

International emergency number:

Telephone: +49 180 2273-112

## 2. Hazard identification

Classification of the substance and mixture:

No need for classification according to GHS criteria for this product.

Label elements and precautionary statement:

The product does not require a hazard warning label in accordance with GHS criteria.

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Other hazards which do not result in classification:  
No specific dangers known, if the regulations/notes for storage and handling are considered.

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### 3. Composition/information on ingredients

#### Chemical nature

Substance nature: mixture

Preparation based on: polyamide  
, polyamide (PA 66)

additives, fillers

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### 4. First-Aid Measures

General advice:

Avoid contact with the skin, eyes and clothing.

If inhaled:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

Burns caused by molten material require hospital treatment.

On contact with eyes:

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

On ingestion:

Rinse mouth and then drink 200-300 ml of water. If difficulties occur: Seek medical attention.

Note to physician:

Symptoms: (Further) symptoms and / or effects are not known so far

Hazards: No hazard is expected under intended use and appropriate handling.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-Fighting Measures

Suitable extinguishing media:

water spray, foam, dry powder

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

Traces of the substances/groups of substances mentioned can be released in case of fire.

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**Specific hazards:**

ammonia, aqueous solution, carbon monoxide, cyclopentanone, hydrogen cyanide, amine derivatives, nitriles

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

**Special protective equipment:**

Wear a self-contained breathing apparatus.

**Further information:**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.  
Keep adjacent fire-exposed buildings, equipment, and materials cool with water spray.

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## 6. Accidental Release Measures

**Personal precautions:**

No special precautions necessary.

**Environmental precautions:**

No special precautions necessary.

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

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

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

For residues: Sweep/shovel up.

Dispose of absorbed material in accordance with regulations.

**Additional information:** High risk of slipping due to leakage/spillage of product.

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## 7. Handling and Storage

**Handling**

Avoid inhalation of dusts/mists/vapours. Exhaust ventilation at processing machines is required during thermal processing and/or machining.

**Protection against fire and explosion:**

Take precautionary measures against static discharges.

**Storage**

Segregate from foods and animal feeds.

Suitable materials for containers: Low density polyethylene (LDPE), High density polyethylene (HDPE), Aluminium, Carbon steel (Iron)

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place. Avoid dust formation, product dust can form an explosive mixture with air.

**Storage stability:**

Protect against moisture.

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## 8. Exposure controls and personal protection

### Components with occupational exposure limits

The limit values will not be achieved if the product is processed proper and suitable ventilation is provided.

### Personal protective equipment

#### Respiratory protection:

Breathing protection if breathable aerosols/dust are formed. Wear respiratory protection if ventilation is inadequate. (Particle filter EN 143 P2 or FFP2)

#### Hand protection:

Use additional heat protection gloves when handling hot molten masses (EN 407), e.g. of textile or leather.

#### 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:

No special precautions necessary. Avoid generating or breathing dust, mist or fumes. Ensure adequate ventilation. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. After use of gloves apply skin-cleaning agents and skin cosmetics.

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## 9. Physical and Chemical Properties

Form:	granules	
Colour:	various, depending on the colourant	
Odour:	odourless	
Odour threshold:	not applicable	
pH value:	not applicable	
Melting temperature:	approx. 260 °C (1,013 hPa)	(DIN 53765)
Boiling range:	The substance / product decomposes therefore not determined.	
Sublimation point:	No applicable information available.	

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Flash point:	not applicable	
Evaporation rate:	The product is a non-volatile solid.	
Flammability (solid/gas):	not self-igniting	(derived from flash point)
Lower explosion limit:	For solids not relevant for classification and labelling.	
Upper explosion limit:	For solids not relevant for classification and labelling.	
Ignition temperature:	> 400 °C	(ASTM D1929)
Thermal decomposition:	> 320 °C	(TGA)
Self ignition:	not self-igniting	Test type: Spontaneous self-ignition at room-temperature.
Self heating ability:	It is not a substance capable of spontaneous heating according to UN transport regulations class 4.2.	(VDI 2263, sheet 1, 1.4.1 (May 1990))
Explosion hazard:	not explosive	
Fire promoting properties:	not fire-propagating	
Vapour pressure:	not applicable	
Density:	1.15 - 1.60 g/cm <sup>3</sup> (20 °C, 1,013 hPa)	(EN ISO 1183-1)
Relative density:	Study does not need to be conducted.	
Bulk density:	500 - 800 kg/m <sup>3</sup> (20 °C, 1,013 hPa)	(DIN 53466)
Relative vapour density (air):	not applicable	
Solubility in water:	insoluble (20 °C, 1,013 hPa)	
Partitioning coefficient n-octanol/water (log Pow):	not applicable	
Viscosity, dynamic:	not applicable, the product is a solid	
Viscosity, kinematic:	not applicable, the product is a solid	

#### Particle characteristics

Particle size distribution:	spheroidal -	
Specific Surface Area:	0.0 m <sup>2</sup> /g	(MSSA, ISO 9227)

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## 10. Stability and Reactivity

Conditions to avoid:

Temperature: > 320 °C

See SDS section 7 - Handling and storage.

Thermal decomposition: > 320 °C (TGA)

Substances to avoid:

No substances known that should be avoided.

Corrosion to metals: No corrosive effect on metal.

Hazardous reactions:

No hazardous reactions known.

The product is chemically stable.

Possible decomposition products:

ammonia, aqueous solution, carbon monoxide, carbon dioxide, cyclopentanone, hydrogen cyanide  
amines, nitriles

Chemical stability:

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

The product is chemically stable.

Reactivity:

No hazardous reactions if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Routes of exposure

#### Assessment of acute toxicity

Contact with molten product may cause thermal burns.

#### Symptoms

(Further) symptoms and / or effects are not known so far

#### Irritation

Assessment of irritating effects:

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

Experimental/calculated data:

Serious eye damage/irritation: May cause mechanical irritation.

#### Respiratory/Skin sensitization

Assessment of sensitization:

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

### **Germ cell mutagenicity**

Assessment of mutagenicity:

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

### **Carcinogenicity**

Assessment of carcinogenicity:

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

### **Reproductive toxicity**

Assessment of reproduction toxicity:

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

### **Developmental toxicity**

Assessment of teratogenicity:

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

### **Specific target organ toxicity (single exposure)**

not applicable

### **Repeated dose toxicity and Specific target organ toxicity (repeated exposure)**

Assessment of repeated dose toxicity:

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

### **Aspiration hazard**

No aspiration hazard expected.

### **Other relevant toxicity 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.

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## **12. Ecological Information**

### **Ecotoxicity**

Assessment of aquatic toxicity:

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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.

### **Mobility**

Assessment transport between environmental compartments:  
Adsorption to solid soil phase is not expected.

### **Persistence and degradability**

Assessment biodegradation and elimination (H<sub>2</sub>O):  
The product is virtually insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants.

Elimination information:  
Poorly biodegradable.

Assessment of stability in water:  
According to structural properties, hydrolysis is not expected/probable.

### **Bioaccumulation potential**

Assessment bioaccumulation potential:  
Does not significantly accumulate in organisms.

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

### **Other adverse effects**

Adsorbable organically-bound halogen (AOX):  
This product contains no organically-bound halogen.

### **Additional information**

Other ecotoxicological advice:  
The product is a polymeric compound.

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## **13. Disposal Considerations**

Check for possible recycling.  
Incinerate in suitable incineration plant, observing local authority regulations.

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

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## **14. Transport Information**

### **Domestic transport:**

UN number or ID number	Not classified as a dangerous good under transport regulations
UN proper shipping name:	Not applicable



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Transport hazard class(es): Not applicable  
Packing group: Not applicable  
Environmental hazards: Not applicable  
Special precautions for user: None known

### Sea transport

#### IMDG

Not classified as a dangerous good under transport regulations  
UN number or ID number: Not applicable  
UN proper shipping name: Not applicable  
Transport hazard class(es): Not applicable  
Packing group: Not applicable  
Environmental hazards: Not applicable  
Marine pollutant: no  
Special precautions for user: None known

### Air transport

#### IATA/ICAO

Not classified as a dangerous good under transport regulations  
UN number or ID number: Not applicable  
Proper shipping name: Not applicable  
Transport hazard class(es): Not applicable  
Packing group: Not applicable  
Environmental hazards: Not applicable  
Special precautions for user: None known

### Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

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## 15. Regulatory Information

### Other regulations

1. Joint DTI-DENR-DA-DOF-DOH-DILG-DOLE-DOTC Administrative Order No. 01 Series of 2009 on "The Adoption and Implementation of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)"
2. DAO 2015-09 "Rules and Procedures for the Implementation of the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals in Preparation of Safety Data Sheet (SDS) and Labelling Requirements of Toxic Chemical Substances"

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3. Republic Act No. 6969, "Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990"

The regulatory information is not intended to be comprehensive. Other regulations may apply to the material

**Registration status:**

PICCS, PH

Listed in PICCS.

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**16. Other Information**

Organization that prepared the MSDS: RCQM

Person who prepared the MSDS: Derrick Clarin

Address/ Tel: BASF Philippines, Inc., 103 Progress Ave., Carmelray Industrial Park I, Calamba, Laguna, Philippines. +6328894321

Date the MSDS was prepared: See top of the page

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

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