

# Safety Data Sheet

## Acrodur® Plus 2580

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Version: 2.0

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### 1. Identification

#### Product identifier used on the label

## Acrodur® Plus 2580

#### Recommended use of the chemical and restriction on use

Recommended use\*: Raw material, for industrial use only

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

Company:  
BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

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### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### Classification of the product

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

#### Label elements

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

#### Hazards not otherwise classified

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If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

### 3. Composition / Information on Ingredients

#### **According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

### 4. First-Aid Measures

#### **Description of first aid measures**

##### **General advice:**

Remove contaminated clothing.

##### **If inhaled:**

Keep patient calm, remove to fresh air, seek medical attention.

##### **If on skin:**

Wash thoroughly with soap and water.

##### **If in eyes:**

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

##### **If swallowed:**

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

#### **Most important symptoms and effects, both acute and delayed**

Symptoms: Additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Hazards: No hazards anticipated.

#### **Indication of any immediate medical attention and special treatment needed**

##### Note to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

### 5. Fire-Fighting Measures

#### **Extinguishing media**

Suitable extinguishing media:

water spray, dry powder, foam, carbon dioxide

#### **Special hazards arising from the substance or mixture**

Hazards during fire-fighting:

No particular hazards known.

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### Advice for fire-fighters

Protective equipment for fire-fighting:  
No data available.

### Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin, eyes and clothing.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.  
For large amounts: Pump off product.  
For residues: Rinse away with water.

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## 7. Handling and Storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

No special measures necessary provided product is used correctly.

### Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Store protected against freezing.  
Protect from temperatures below: 5 °C  
Protect from temperatures above: 60 °C

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## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

### Personal protective equipment

#### 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) etc., Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

#### Eye protection:

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

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### General safety and hygiene measures:

Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

## 9. Physical and Chemical Properties

Form:	liquid	
Odour:	faint odour	
Odour threshold:	not determined	
Colour:	yellowish	
pH value:	3.5 - 5.0 ( 10 %(m))	(DIN ISO 976)
solidification temperature:	approx. 0 °C	
boiling temperature:	approx. 100 °C	
<i>Information on: Water</i>		
Boiling point:	100 °C	
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Flash point:	not applicable	
Flammability:	not flammable	
Lower explosion limit:	For liquids not relevant for classification and labelling.	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Autoignition:	not applicable	
<i>Information on: Water</i>		
Vapour pressure:	23.4 hPa ( 20 °C) Literature data.	
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Density:	approx. 1.2 g/cm <sup>3</sup> ( 20 °C)	(ISO 2811-1)
Relative density:	No data available.	
Vapour density:	not applicable	
Partitioning coefficient n- octanol/water (log Pow):	not applicable	
Self-ignition temperature:	not self-igniting	
Thermal decomposition:	No decomposition if used correctly.	
Viscosity, dynamic:	400 - 1,200 mPa.s ( 23 °C)	(DIN EN ISO 2555 (RVT))
Solids content:	58.0 - 60.0 %	(DIN EN ISO 3251)
Solubility in water:	soluble	
Miscibility with water:	miscible	
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.	

## 10. Stability and Reactivity

### Reactivity

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

Corrosion to metals:

No corrosive effect on metal.

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Oxidizing properties:  
not fire-propagating

### Chemical stability

#### Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

#### Conditions to avoid

Avoid extreme temperatures.

#### Incompatible materials

#### Hazardous decomposition products

Decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if used correctly.

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## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

#### Oral

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Irritation / corrosion

Assessment of irritating effects: Not irritating to the eyes. Not irritating to the skin. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Sensitization

Assessment of sensitization: Skin sensitizing effects were not observed in animal studies.

Species: mouse

Result: Non-sensitizing.

Method: OECD Guideline 429

### Chronic Toxicity/Effects

#### Genetic toxicity

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Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.

### Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

### Reproductive toxicity

Assessment of reproduction toxicity: Not expected to cause reproductive toxicity (based on composition).

### Teratogenicity

Assessment of teratogenicity: The data available for an assessment of the effect of the substance on developmental toxicity are not sufficient for a proper evaluation.

### 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.

## **Symptoms of Exposure**

Additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

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## **12. Ecological Information**

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

#### Toxicity to fish

LC50 (96 h) > 100 mg/l, Brachydanio rerio (OECD 203; ISO 7346; 84/449/EEC, C.1, static)

#### Aquatic invertebrates

EC50 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

EC0 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

EC100 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

#### Aquatic plants

EC50 (72 h) > 100 mg/l (growth rate), Desmodium subspicatus (OECD Guideline 201, static)

### **Persistence and degradability**

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

### **Bioaccumulative potential**

#### Assessment bioaccumulation potential

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The product has not been tested.

### Mobility in soil

#### Assessment transport between environmental compartments

No data available.

### Additional information

Other ecotoxicological advice:

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. The local regulations on waste-water treatment must be followed.

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## 13. Disposal considerations

### **Waste disposal of substance:**

Must be sent to a suitable incineration plant, observing local regulations.

A waste code in accordance with the European waste catalog (EWC) cannot be specified, due to dependence on the usage. Observe national and local legal requirements.

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## 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

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## 15. Regulatory Information

### Federal Regulations

#### **Registration status:**

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### **NFPA Hazard codes:**

Health: 1 Fire: 0 Reactivity: 0 Special:

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### 16. Other Information

**SDS Prepared by:**  
BASF NA Product Regulations  
SDS Prepared on: 2019/08/28

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