

# Sulphuric Acid Catalyst

## O4-116 SS11x4

### Application

For the catalytic oxidation of SO<sub>2</sub> to SO<sub>3</sub> for the production of sulphuric acid. Because of its excellent low temperature activity, catalyst O4-116 is installed in the lower passes to improve the conversion and to reduce emissions.

### Composition

Vanadium oxides, alkali sulphates and cesium promoted on a special carrier.

### Form

Star Rings of 11x4 mm ODxID (SS11x4)

### Ignition temperature

min. 340°C (min. 644°F) (depending on gas composition)

### Operating temperature

min. 380°C (min. 716°F) (depending on gas composition)

### Thermal stability

Stable at continuous operation up to 630°C (1165°F)

### Packaging

Non-returnable containers

- 200 l corrugated steel drum
- 1000 l bulk bag

### Storage

Catalyst should be stored in its original container in a covered and dry area, protected from access by humidity and moisture.

### Safety Data Sheets (SDS)

A safety data sheet covering the necessary information is available on request.

### Note

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

### Properties SS11x4

<b>Bulk density</b>	0.45 (approx. kg/l)
<b>Knife Edge Hardness</b>	7.0 (min. kg)

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### Americas

BASF Corporation  
25 Middlesex/Essex Turnpike  
Iselin, New Jersey, 08830, USA  
Tel : +1-732-205-5000  
Fax: +1-732-205-7725  
Email: [catalysts-america@basf.com](mailto:catalysts-america@basf.com)

### Asia Pacific

BASF (China) Company Limited  
300 Jiang Xin Sha Road,  
Pudong, Shanghai 200137  
P.R. China  
Tel: +86-21-2039 2549  
Fax: +86-21-2039 4800-2549  
Email: [catalysts-asia@basf.com](mailto:catalysts-asia@basf.com)

### Europe, Middle East, Africa

BASF De Meern BV Catalysts  
The Netherlands  
Tel: +31-30-666 9437  
Email: [catalysts-europe@basf.com](mailto:catalysts-europe@basf.com)

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