

## Product Information

## Octolyst® 2009

## Copper on silica fixed bed catalyst

## PRODUCT DESCRIPTION

Octolyst® 2009 is a copper silica catalyst for fixed bed applications in the gas and liquid phase.

## Typical Properties

Property	Unit	Value
<b>BET Surface Area</b>	m <sup>2</sup> /g	200-210
<b>Bulk Density</b>	kg/m <sup>3</sup>	560-640
* The exact bulk density depends on the technology which is used to fill the reactor.		
<b>Chemical Name</b>	Copper on Silica Fixed Bed Catalyst	
<b>Particle Diameter</b>	mm	2.8
<b>Pore Volume</b>	ml/g	0.7-0.9
<b>Product Form</b>	Extrudate	

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

- hydrogenation of aldehydes
- dehydrogenation of alcohols

## Product Composition

Product Composition	Unit	Value
<b>Copper (Cu) Content, max.</b>	wt%	40
<b>Silicon Dioxide (SiO<sub>2</sub>) Content</b>	wt%	40-50

The data represents typical values (no product specification)

## BENEFITS &amp; ADVANTAGES

- superior chemical reactivity and selectivity
- high porosity
- high surface area
- development of tailor-made catalysts in the context of an exclusive project possible

## HANDLING &amp; PROCESSING

The catalyst is delivered in an oxidized state. An activation procedure is available on request.

## PACKAGING

Octolyst® 2009 is supplied in 210 litre steel drums, net weight is approx. 110 kg.

## STORAGE

Drums should be stored in a dry place, not be exposed to direct sunlight and be protected from freezing

## SHELF LIFE

Subject to the appropriate storage conditions, the shelf life of Octolyst® catalysts in sealed original drums is > 3 years from date of shipment.

#### Disclaimer

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