

## Product Information

# Octolyst® 2020

## Copper / Zinc fixed bed catalyst

### PRODUCT DESCRIPTION

Octolyst® 2020 is a copper zinc catalyst for fixed bed applications in the gas phase.

#### Typical Properties

| Property            | Unit              | Value     |
|---------------------|-------------------|-----------|
| BET Surface Area    | m <sup>2</sup> /g | 30-40     |
| Bulk Density        | g/cm <sup>3</sup> | 1.35-1.55 |
| Particle Diameter   | mm                | 6.5       |
| Product Form        |                   | Tablets   |
| Side Crush Strength |                   | 200 N/mm  |

The data represents typical values (no product specification)

### TYPICAL APPLICATIONS

- hydrogenation of aldehydes to alcohols
- hydrogenation of butylaldehyde to butanol
- hydrogenation of 2 ethylhexanal to 2 ethylhexanol

#### Product Composition

| Product Composition      | Unit | Value |
|--------------------------|------|-------|
| Copper (Cu) Content      | %    | ≤29   |
| Zinc Oxide (ZnO) Content | %    | 60-70 |

The data represents typical values (no product specification)

### BENEFITS & ADVANTAGES

- superior chemical reactivity and selectivity
- high mechanical stability
- development of tailor-made catalysts in the context of an exclusive project possible

### HANDLING & PROCESSING

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

### PACKAGING

Octolyst® 2020 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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