

## Product Information

# Metalyst® MC 171

## PRODUCT DESCRIPTION

Metalyst® MC 171 is an activated nickel powder catalyst for slurry processes.

This catalyst is used in liquid phase reactions operated as batch, semi-batch or continuous process. This product is suitable for stirred tank reactors and loop reactors with most of the applications being hydrogenation reactions.

Below reactions represent only some examples of the numerous applications this versatile catalyst can support.

### Typical Properties

Property	Unit	Value
<b>Appearance</b>		Gray, black slurry in water
<b>Particle Size</b> D50	µm	28
<b>pH Value</b>		8-11

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

- Hydrogenation of Sulfolene
- Hydrogenation of CC Double Bonds

### Product Composition

Product Composition	Unit	Value
<b>Nickel, min.</b>	%	90

The data represents typical values (no product specification)

## BENEFITS & ADVANTAGES

Depending on the business model, Evonik may provide the following additional services:

- Technical support around the globe including handling recommendations, safety data sheets, literature, samples, etc.
- Development of tailor-made catalysts in the context of an exclusive project

## HANDLING & PROCESSING

No activation required

## PACKAGING

- Metalyst® MC 171 is delivered as a slurry in 60 liter steel drums
- For large volumes special packaging is available upon request

## STORAGE

Drums should be protected from freezing, not exposed to direct sunlight and stored in a dry place between 5 and 30°C (40 to 83°F).

## SHELF LIFE

Best before 24 month after manufacturing

### Disclaimer

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