

## Product Information

# MONCAT® 5191

Embedded sulfided nickel on silica catalyst

## PRODUCT DESCRIPTION

MONCAT™ 5191 is a sulfided activated nickel on silica catalyst embedded in hydrogenated vegetable oil, developed for the oils and fats industry.

### Typical Properties

Property	Unit	Value
<b>Activation</b>		Pre-activated, no activation required
<b>Chemical Name</b>		Embeded Sulfided Nickel on Silica Catalyst
<b>Color</b>		Black to Grey
<b>Melting Point</b> ASTM E324-23	°C	60
<b>Product Form</b>		Pastilles
<b>Promoters</b>		Sulfur
<b>Support</b>		Silica

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

The partial hydrogenation of free fatty acids

### Product Composition

Product Composition	Unit	Value
<b>Nickel, Range</b> X-Ray fluorescence Spectroscopy	%	17-19

The data represents typical values (no product specification)

## BENEFITS & ADVANTAGES

This catalyst shows superior catalytic performance along with excellent filtration properties.

## PACKAGING

- MONCAT™ 5191 is delivered in 175 kg in steel drums lined with polyethylene bag liners.
- For large volumes of 650 to 750 kg super sacks are available.

## STORAGE

- Drums should be kept tightly closed, protected from freezing, not exposed to direct sunlight and stored in a dry well ventilated place between 5 and 30°C (40 to 83°F).
- The catalyst is packed under nitrogen to inhibit oxidation. Therefore, once the packaging has been opened, it is recommended to use the catalyst within 2 months.

## SHELF LIFE

The shelf life is up to 12 months under the standard storage conditions as specified above.

## REGISTRATION LISTING SUMMARY

- Kosher Passover certified
- HALAL certified

#### Disclaimer

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