

## Product Information

**MONCAT® 2021**

## Embedded nickel on silica hydrogenation catalyst

**PRODUCT DESCRIPTION**

MONCAT™ 2021 is an 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>Appearance</b>		Black pastils
<b>Chemical Name</b>		Embedded 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>Support</b>		Silica

The data represents typical values (no product specification)

**TYPICAL APPLICATIONS**

- The full hydrogenation of triglycerides
- The partial hydrogenation of triglycerides
- The hydrogenation of castor oil to 12-hydroxystearic acid

**Product Composition**

Product Composition	Unit	Value
<b>Nickel, Range</b> X-Ray fluorescence Spectroscopy	%	21-23

The data represents typical values (no product specification)

**BENEFITS & ADVANTAGES**

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

**PACKAGING**

- MONCAT™ 2021 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

**FOOD CONTACT COMPLIANCE**

MONCAT™ 2021 can be used as a processing aid for edible oils

#### Disclaimer

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