

## Product Information

**MONCAT® 1991**

Embedded nickel on silica hydrogenation catalyst

**PRODUCT DESCRIPTION**

MONCAT® 1991 is an activated nickel on silica catalyst embedded in hydrogenated vegetable oil developed for the oils and fats industry.

**Typical Properties**

Property	Unit	Value
Activation		Pre-activated, no activation required.
Appearance		Black pastils
BET Surface Area		N/AN/A
Chemical Name		Embedded Nickel on Silica catalyst
Color		Black to Grey
Melting Point	°C	60
ASTM E324-23		
Product Form		Pastilles
Support		Silica

The data represents typical values (no product specification)

**TYPICAL APPLICATIONS**

- The full hydrogenation of free fatty acids
- The partial hydrogenation of free fatty acids
- The hydrogenation of fatty nitriles to fatty amines

**Product Composition**

Product Composition	Unit	Value
Ethanol (C <sub>2</sub> H <sub>6</sub> O) Content		N/AN/A

The data represents typical values (no product specification)

**BENEFITS & ADVANTAGES**

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

**PACKAGING**

- MONCAT® 1991 is delivered in 175 kg steel drums 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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