

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
Activation		Pre-activated, no activation required
Chemical Name		Embedded Sulfided Nickel on Silica Catalyst
Color		Black to Grey
Melting Point ASTM E324-23	°C	60
Product Form		Pastilles
Promoters		Sulfur
Support		Silica

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

The partial hydrogenation of free fatty acids

Product Composition

Product Composition	Unit	Value
Nickel, Range X-Ray fluorescence Spectroscopy	%	17-19

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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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