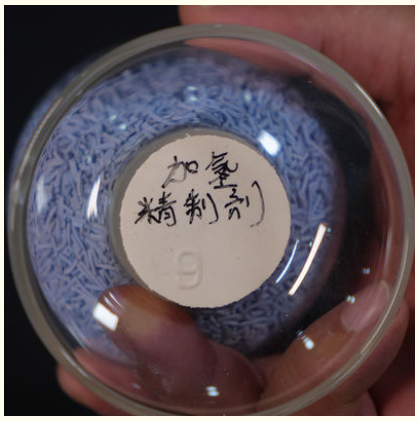
C8/C9 Hydrogenation Catalyst with Palladium and Aluminum Oxide

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: C8/C9 Hydrogenation Catalyst
- Packaging Details: Customer demand, drum or ton pack.



Product Specification

- Active Component: Palladium (Pd)
- Promoter: Aluminum Oxide (Al2O3)
- Appearance: Blue Granule
- Regenerability: Good
- Particle Size: 1-3 Mm
- Pore Volume: 0.3-0.5 Cm3/g
- Application: Selective Hydrogenation Of C8/C9 Hydrocarbons
- Thermal Stability: High
- Highlight: **C8/C9 hydrogenation palladium catalyst**, **aluminum oxide hydrogenation catalyst**, **palladium C8/C9 catalyst support**

Product Description

Product Description:

The C8/C9 Hydrogenation Catalyst is a specialized catalyst designed for the selective hydrogenation of C8/C9 hydrocarbons, offering exceptional performance in this application. With a surface area ranging from 100 to 200 m2/g, this catalyst provides ample active sites for efficient catalytic reactions.
The catalyst features a particle size of 1-3 mm, which contributes to its effectiveness in catalyzing the hydrogenation process. Its distinct blue granule appearance facilitates easy handling and identification in industrial settings, ensuring convenient use.
One of the key advantages of the C8/C9 Hydrogenation Catalyst is its excellent regenerability, allowing for multiple cycles of use without significant loss of activity. This characteristic enhances the longevity and cost-efficiency of the catalyst, making it a reliable choice for industrial applications.
At the heart of this catalyst's performance are the active components, which include nickel (Ni) and palladium (Pd). These metals play a crucial role in catalyzing the selective hydrogenation of C8/C9 hydrocarbons, enabling the conversion of unsaturated compounds while preserving the desired structure of the molecules.
The C8/C9 Hydrogenation Catalyst is particularly effective in the hydrogenation of phenylacetylene, showcasing its versatility in handling complex hydrocarbon mixtures. Its selective nature ensures that the desired reactions proceed efficiently, leading to high yields of the target products.
In summary, the C8/C9 Hydrogenation Catalyst offers a powerful solution for the selective hydrogenation of C8/C9 hydrocarbons, combining high surface area, optimal particle size, distinctive appearance, and excellent regenerability. With its active components of nickel and palladium, this catalyst excels in catalyzing reactions such as the hydrogenation of phenylacetylene, making it a valuable asset in various industrial processes.

Features:

Product Name: C8/C9 Hydrogenation Catalyst
Appearance: Blue Granule
Particle Size: 1-3 mm
Active Component: Palladium (Pd)
Pore Volume: 0.3-0.5 cm3/g
Surface Area: 100-200 m2/g

Technical Parameters:

Application	Selective Hydrogenation Of C8/C9 Hydrocarbons
Surface Area	100-200 M2/g
Promoter	Aluminum Oxide (Al2O3)
Appearance	Blue Granule
Pore Volume	0.3-0.5 Cm3/g
Particle Size	1-3 Mm
Thermal Stability	High
Regenerability	Good
Active Component	Palladium (Pd)

Applications:

The **C8/C9 Hydrogenation Catalyst** is a specialized catalyst originating from **China** . It is known for its effectiveness in the selective hydrogenation of C8/C9 hydrocarbons, making it a crucial component in various industrial processes.
With an active component of **Palladium (Pd)** and a particle size ranging from **1-3 mm** , this **Hydrogenation Catalyst** is designed to efficiently convert phenylacetylene into the desired products, ensuring high-quality outcomes.
Its **blue granule** appearance and **pore volume of 0.3-0.5 cm3/g** further enhance its usability and handling, providing ease of use for operators in different settings.
Customers have the flexibility to choose their preferred **packaging details** based on their requirements, whether it be in drums or ton packs, ensuring convenience and suitability for diverse applications.
The **C8/C9 Hydrogenation Catalyst** finds its application in various scenarios, such as in the petrochemical industry for refining processes, in the production of specialty chemicals, and in research laboratories for experimental purposes.
Its ability to selectively hydrogenate C8/C9 hydrocarbons makes it a valuable asset in the chemical manufacturing sector, where precise control over reactions is essential.
Overall, the **C8/C9 Hydrogenation Catalyst** stands out as a reliable and efficient catalyst, offering optimized performance and consistent results in **phenylacetylene** conversion and other hydrogenation processes.

Customization:

Product Customization Services for the C8/C9 Hydrogenation Catalyst:
Brand Name: C8/C9 Hydrogenation Catalyst
Place of Origin: CHINA
Packaging Details: Customer demand, drum or ton pack.
Thermal Stability: High
Particle Size: 1-3 mm
Regenerability: Good
Promoter: Aluminum Oxide (Al2O3)
Pore Volume: 0.3-0.5 cm3/g

FAQ:

Q: What is the brand name of the hydrogenation catalyst?
A: The brand name of the hydrogenation catalyst is C8/C9 Hydrogenation Catalyst.
Q: Where is the hydrogenation catalyst produced?
A: The hydrogenation catalyst is produced in China.
Q: What are the packaging options available for the hydrogenation catalyst?
A: The packaging details can be customized based on customer demand, available in drum or ton pack.
Q: Is the C8/C9 Hydrogenation Catalyst suitable for industrial use?
A: Yes, the C8/C9 Hydrogenation Catalyst is designed for industrial applications.
Q: How can I place an order for the C8/C9 Hydrogenation Catalyst?
A: To place an order for the C8/C9 Hydrogenation Catalyst, please contact our sales team for assistance.

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