

Heraeus



CHEMICAL PRODUCTS

PRECIOUS METAL COMPOUNDS
AND HOMOGENEOUS CATALYSTS

PRECIOUS METAL COMPOUNDS AND HOMOGENEOUS CATALYSTS

More than 80 percent of all reactions in the chemical industry are realized with the help of catalysts. As a long-standing specialist in precious metal compounds and homogeneous catalysts for process chemistry, Heraeus offers a broad product portfolio and supports the customers with solutions along their entire value chain. Our products are used in chemical processes all over the world!

Besides an extensive number of inorganic compounds and their solutions, we also synthesize large-scale precious compounds and homogeneous catalysts. Our products constantly meet highest quality standards, ensure a continual production process for our customers and thereby boosting their competitiveness.

We collaborate closely with our customers to optimize or develop the ideal chemical product for their applications. As a reliable partner, we stand for long-term customer relationships and increase our customers' process efficiency through our experience and technical expertise.



SERVICES

SCREENING

We are able to conduct comprehensive chemical and physical property determinations in our laboratories using in-house testing equipment. The scope of this work includes measurements of precious metal concentration, activity and selectivity.

PRECIOUS METALS TRADING

Through our trading centers in Hanau (Germany), New York City, Shanghai and Hong Kong, we are able to execute precious metal trades under current market conditions. In addition to sales and purchasing transactions, we can provide financing options with our customers based on precious metal leasing.

PRECIOUS METALS RECYCLING

As specialists in the handling of spent precious metal catalysts, we offer the fastest possible precious metal recovery with highest yield. The reclaimed precious metal can be used again for the manufacture of new catalysts.

TOLL PRODUCTION

In addition to customized products, we also offer contract manufacturing of precious metal compounds according to match customer formulations under toll contracts.



APPLICATION AND PRODUCTS EXAMPLES

We offer a comprehensive range of chemical compounds and solutions based on precious metals. These products are extensively used in key technologies and various branches of industry worldwide such as

- Chemistry and Petrochemistry
- Pharmaceutical Industry
- Electronics and Automotive
- Surface Technology
- Jewelry

Many chemical and physical parameters can affect a chemical reaction. For this reason, we offer our customers expert advice to identify the best precious metal compound for a specific process. In many cases, very good results can be obtained with a standard product. Customer-specific solutions that go beyond a standard product require individualized optimization.



Of the vast range of our chemical products, the very important ones are shown in the following list. Please feel free to contact us for any further product. We look forward to your enquiries and are at your disposal at any time.

- Platinum(0)divinyltetramethylsiloxane complex "Karstedt Concentrate"
- Platinum(II)nitrate hydrate
- Tetrakis(triphenylphosphane)palladium(0)
- Dichlorobis(triphenylphosphane)palladium(II)
- Bis(dibenzylideneacetone)palladium(0)
- Bis(acetylacetonato)palladium(II)
- Palladium(II)acetate
- Di- μ -chloro-bis[(cycloocta-1.5-diene)rhodium(I)]
- Rhodium(III)chloride hydrate
- Ruthenium(III)chloride hydrate





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