

Nickel (CAS 7440-02-0) Market Research Report 2026

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Abstracts

Nickel (CAS 7440-02-0) Market Research Report 2026 presents comprehensive data on Nickel markets globally and regionally (Europe, Asia, North America etc.)

The report includes Nickel description, covers its application areas and related patterns. It overviews Nickel market, names Nickel producers and indicates its suppliers.

Besides, the report provides Nickel prices in regional markets.

In addition to the above the report determines Nickel consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Nickel (CAS 7440-02-0) Market Research Report 2026 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Nickel (CAS 7440-02-0) Market Research Report 2026 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name:	Nickel
Synonyms:	Raney Superfine Spherical Nickel Powder
	C.I. 77775
	Catalyst, raney nickel
	Nickel raney catalyst
	Raney nickel catalyst

CAS#:	7440-02-0
Formula:	Ni
Molecular Weight:	58.69

Raney nickel, a silvery odorless fine-grained solid with molecular formula $AlNi$, is used as a reagent and catalyst in organic chemistry. It was developed in 1926 by Murray Raney, an American engineer.

Raney nickel is used as a catalyst in hydrogenation of functional groups such as nitro, nitrile, carbonyl, oxime groups. The product is able to hydrogenate almost all functional groups and, moreover, to be hydrogenated. That the reason why Raney nickel is a non-specific catalyst.

The catalyst also takes part in sorbitol, rubber additives, pesticide intermediates, etc. manufacturing. In case Raney nickel's pH is below 5.5, its usage in acid reactions becomes impossible.

Swallowing or inhaling of the product may cause side effects such as eye redness and pain; as well as skin, gastrointestinal, and respiratory tract irritation. Inhalation of Raney nickel fumes may cause anosmia, fever, chills, cough, weakness, chest pain, etc. Besides, multiple tests have proved it to be a possible human carcinogen.

Raney nickel is covered in the study Raney Nickel (CAS 7440-02-0) Market Research

Report 2013. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks Raney nickel market situation, names manufacturers, suppliers as well as users. The report also provides current Raney nickel prices in the market.

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