

# Global Nickel Oxide Hydroxide Market Growth 2026-2032

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## Abstracts

The global Nickel Oxide Hydroxide market size is predicted to grow from US\$ 1113 million in 2025 to US\$ 1863 million in 2032; it is expected to grow at a CAGR of 7.7% from 2026 to 2032.

Nickel Oxide Hydroxide (NiOOH) is an inorganic nickel compound commonly formed as the oxidized phase of nickel hydroxide (Ni(OH)<sub>2</sub>), and it plays a key role as an active material in electrochemical systems, especially in rechargeable batteries such as nickel-metal hydride (NiMH) and nickel-cadmium (NiCd) batteries, as well as in electrocatalysis and alkaline energy storage devices. It typically exists in different polymorphs (α-NiOOH and β-NiOOH) with varying electrochemical properties, high redox activity, and good electrical conductivity under alkaline conditions. The supply chain of Nickel Oxide Hydroxide starts upstream with nickel resources (nickel sulfide ores or laterite ores) mined by companies such as Vale, Norilsk Nickel, and BHP, followed by refining into high-purity nickel salts (e.g., nickel sulfate or nickel nitrate). In the midstream, chemical manufacturers synthesize nickel hydroxide through precipitation processes, which is then electrochemically or chemically oxidized to form Nickel Oxide Hydroxide, often with controlled morphology for battery-grade performance. Downstream, the material is supplied to battery manufacturers (e.g., for NiMH cathodes), catalyst producers, and energy storage system integrators, with increasing demand driven by hybrid vehicles, backup power systems, and alkaline electrolysis technologies. In 2025, global Nickel Oxide Hydroxide output was about 220,000 tons with 280,000 tons of capacity, average prices of USD 4,000-7,000 per ton, and gross margins around 29%.

United States market for Nickel Oxide Hydroxide is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Nickel Oxide Hydroxide is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Nickel Oxide Hydroxide is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Nickel Oxide Hydroxide players cover Jinchuan Group (China), Jiangmen Kanhoo (China), CNGR Advanced Material (China), Zhejiang Huayou Cobalt (China), Beijing Easpring (China), etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Nickel Oxide Hydroxide Industry Forecast? looks at past sales and reviews total world Nickel Oxide Hydroxide sales in 2025, providing a comprehensive analysis by region and market sector of projected Nickel Oxide Hydroxide sales for 2026 through 2032. With Nickel Oxide Hydroxide sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Nickel Oxide Hydroxide industry.

This Insight Report provides a comprehensive analysis of the global Nickel Oxide Hydroxide landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Nickel Oxide Hydroxide portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Nickel Oxide Hydroxide market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Nickel Oxide Hydroxide and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Nickel Oxide Hydroxide.

This report presents a comprehensive overview, market shares, and growth opportunities of Nickel Oxide Hydroxide market by product type, application, key manufacturers and key regions and countries.

### Segmentation by Type:

?-NiOOH

?-NiOOH

### Segmentation by Hydration:

0.5 H<sub>2</sub>O per Ni

### Segmentation by Application:

Energy Storage System

Industrial Equipment

Automotive

Aerospace & Defense

Others

### This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its

market penetration.

Jinchuan Group (China)

Jiangmen Kanhoo (China)

CNGR Advanced Material (China)

Zhejiang Huayou Cobalt (China)

Beijing Easpring (China)

Jilin Jien Nickel (China)

Henan Kelong New Energy (China)

Tanaka Chemical (Japan)

Sumitomo Metal Mining (Japan)

Nichia Corporation (Japan)

Mitsui Mining & Smelting (Japan)

Umicore (Belgium)

American Elements (USA)

## **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Nickel Oxide Hydroxide market?

What factors are driving Nickel Oxide Hydroxide market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Nickel Oxide Hydroxide market opportunities vary by end market size?

How does Nickel Oxide Hydroxide break out by Type, by Application?

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