

# Global Manganese Oxyhydroxide Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Manganese Oxyhydroxide market size was valued at US\$ 1057 million in 2025 and is forecast to a readjusted size of US\$ 1628 million by 2032 with a CAGR of 6.3% during review period.

Manganese Oxyhydroxide (commonly written as MnOOH) is an intermediate manganese compound characterized by mixed valence states (Mn<sup>2+</sup> dominant with structural hydroxyl groups), widely used as a precursor in battery cathode materials, catalysts, pigments, and environmental remediation agents due to its redox activity and layered or tunnel crystal structures. Its supply chain begins upstream with manganese ore mining (primarily pyrolusite, MnO<sub>2</sub>) in regions such as South Africa, Australia, and China, followed by beneficiation and chemical processing (acid leaching, reduction, or hydrothermal synthesis) to produce manganese salts or directly precipitate MnOOH through controlled oxidation–reduction reactions. Midstream production involves purification, particle size control, and morphology engineering (e.g., nanostructured MnOOH) by specialty chemical and advanced materials manufacturers. Downstream, MnOOH is integrated into lithium-ion and alkaline battery materials (as a precursor to Mn-based cathodes like NMC or LMO), catalysts for oxidation reactions, and functional additives in water treatment or pigments, with distribution handled through both direct OEM supply agreements and specialty chemical distributors targeting energy storage, electronics, and environmental sectors. In 2025, global Manganese Oxyhydroxide output was about 600,000 tons with 800,000 tons of capacity, average prices of USD 1,500–4,000 per ton, and gross margins around 26%.

This report is a detailed and comprehensive analysis for global Manganese Oxyhydroxide market. Both quantitative and qualitative analyses are presented by

manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Manganese Oxyhydroxide market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Manganese Oxyhydroxide market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Manganese Oxyhydroxide market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Manganese Oxyhydroxide market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

#### The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Manganese Oxyhydroxide
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Manganese Oxyhydroxide market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sasol (South Africa), TOR Minerals (USA), Blue Grass Chemical (USA), Nabaltec (Germany), Dequachim (Belgium), BASF (Germany), Silkem (Slovenia), LANXESS (Germany), TAIMEI Chemicals (Japan),

Osang Group (South Korea), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### Market Segmentation

Manganese Oxyhydroxide market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Industrial Grade (85–95%)

High-Purity Grade (>95%)

#### Market segment by Crystal Structure

?-phase

?-phase

?-phase

#### Market segment by Application

Battery Material

Catalyst Material

Water Treatment

Advanced Material

Pigment & Coating

Others

Major players covered

Sasol (South Africa)

TOR Minerals (USA)

Blue Grass Chemical (USA)

Nabaltec (Germany)

Dequachim (Belgium)

BASF (Germany)

Silkem (Slovenia)

LANXESS (Germany)

TAIMEI Chemicals (Japan)

Osang Group (South Korea)

Sinocera Functional Materials (China)

Shanghai Putailai (China)

Anhui Estone Materials (China)

Tianjin Boyuan New Materials (China)

Hindalco Industries (India)

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Manganese Oxyhydroxide product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Manganese Oxyhydroxide, with price, sales quantity, revenue, and global market share of Manganese Oxyhydroxide from 2021 to 2026.

Chapter 3, the Manganese Oxyhydroxide competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Manganese Oxyhydroxide breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Manganese Oxyhydroxide market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Manganese Oxyhydroxide.

Chapter 14 and 15, to describe Manganese Oxyhydroxide sales channel, distributors, customers, research findings and conclusion.

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