

Global Sodium Sulfide Market Size Study & Forecast, by Product, Grade, Applications and Regional Forecasts 2025-2035

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Abstracts

The Global Sodium Sulfide Market is valued at approximately USD 0.65 billion in 2024 and is poised to expand at a compound annual growth rate of 6.80% from 2025 to 2035. Sodium sulfide, an essential inorganic chemical compound with robust reducing properties, is widely recognized for its applications across diverse industries including leather processing, pulp and paper, textile dyeing, and wastewater treatment. Its economic importance is increasingly amplified by global industrialization, particularly in emerging economies, where sodium sulfide plays a crucial role in heavy metal removal, dehairing hides, and in the desulfurization of ores. As industries shift toward cost-effective and efficient solutions for pollution control and process enhancement, the demand for sodium sulfide continues to rise, especially in chemical synthesis and environmental remediation.

The acceleration in demand from tanneries, driven by the resurgence of leather fashion and consumer goods, has significantly influenced the sodium sulfide market's momentum. Furthermore, the pulp and paper industry's need for bleaching and delignification agents has ensured a stable demand baseline. Notably, sodium sulfide is also gaining traction in chemical manufacturing as a versatile intermediate. However, the market's upward trajectory faces friction from environmental concerns regarding toxicity and handling hazards, which necessitate stringent regulatory compliance and safe disposal practices. These limitations are prompting stakeholders to innovate in formulation and handling mechanisms, and to pivot toward sustainable alternatives in parallel applications.

Geographically, Asia Pacific is expected to command the largest share of the sodium sulfide market through 2035, attributed to booming industrial sectors in China, India,

and Southeast Asia. The rapid expansion of the leather and textile manufacturing sectors, particularly in India and Bangladesh, has elevated sodium sulfide consumption. In contrast, North America and Europe are embracing stringent environmental standards and waste treatment protocols, where sodium sulfide is deployed extensively in water purification and chemical synthesis. While these regions maintain moderate growth due to tighter regulation, increasing investments in green chemistry and sustainable industrial processes are opening new avenues for sodium sulfide applications across their value chains.

Major market player included in this report are:

BASF SE

Solvay SA

Tianjin Xinze Fine Chemical Co., Ltd.

Genesis Energy, L.P.

Sichuan Shenhong Chemical Industry Co., Ltd.

Redox Pty Ltd

Gujarat Alkalies and Chemicals Limited

Chemtrade Logistics Inc.

Shaanxi Fuhua Chemical Co., Ltd.

Sankyo Kasei Co., Ltd.

Inner Mongolia Lichuan Chemical Co., Ltd.

Longfu Group

NaFine Chemical Industry Group Co., Ltd.

Parchem Fine & Specialty Chemicals

Tessenderlo Group

Global Sodium Sulfide Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Product:

Low Ferric Sodium Sulfide

Anhydrous Sodium Sulfide

Crystal Sodium Sulfide

By Grade:

Technical

Purified

By Application:

Pulp & Paper

Water Treatment

Tanneries (Leather Industry)

Chemical Processing

Textile Industry

Ore Processing

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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