

Sodium Hypophosphite - Global Market Outlook (2018-2027)

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Abstracts

According to Statistics MRC, the Global Sodium Hypophosphite market is accounted for \$582.36 million in 2018 and is expected to reach \$1,051.28 million by 2027 growing at a CAGR of 6.8% during the forecast period. Growing demand for water treatment in industrial applications and expansion of the electronics and automotive sectors are the key driving factors. However, the rise in the price of phosphorous rocks owing to scarcity in supply is restraining the market growth.

Sodium hypophosphite (NaPO_2H_2) is the sodium salt of hypophosphorous acid and is often encountered as the monohydrate, $\text{NaPO}_2\text{H}_2 \cdot \text{H}_2\text{O}$. It is solid at room temperature, appearing as odourless white crystals. It is soluble in water and easily absorbs moisture from the air. It is mainly used for electroless nickel plating. During the nickel electroplating, reducing agents i.e. sodium hypophosphite forms chelate compound by nickel and help to control the pH level that in turn resulted to improve surface properties and enhance the smoothness the finished products. The electroplating of the metal surface helps to improve its properties such as corrosion resistance, abrasion resistance, strength, and hardness, among others.

In terms of grade, the electrical segment is likely to have a huge demand during the forecast period. Sodium hypophosphite in its electrical grade is utilized for electroless nickel plating. Electroless nickel plating is increasing boundless adoption in the automotive and electronics sectors. By geography, Asia Pacific is estimated to have a lucrative growth due to the presence of large electronics and automotive manufacturers in the region and also the rise in industrialization in countries such as China, Japan, and South Korea is anticipated to expand at a rapid pace in the upcoming years.

Some of the key players in Global Sodium Hypophosphite market include Solvay,

Nippon Chemical Industrial Co., Ltd, Arkema, Jiangxi Fuerxin Medicine Chemical Co., Ltd., Hubei Lianxing Chemical Co., Ltd., Sigma-Aldrich, Changshu New-Tech Chemicals Co., Ltd., Zhejiang Zengxin Chemistry Co., Ltd., Jiangsu Kangxiang Industrial Group Co., Ltd., and Huanggang Quanwang Chemical Co., Ltd.

Grades Covered:

Industrial

Electrical

Other Grades

Purity Covered:

? 99%

Functions Covered:

Ion Exchange Resins

Chemical Intermediates

Reducing Agents

Analytical Reagents

Polymer Catalysts

Catalysts & Stabilizers

Other Functions

Applications Covered:

Commercial

Household

Public Utilities

Polymers

Aviation

Electroplating

Chemicals & Pharmaceuticals

Electronics

Automotive & Transportation

Building & Construction

Petroleum

Water Treatment

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub-segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

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NOTE: Tables for North America, Europe, Asia Pacific, South America and Middle East & Africa are represented in the same manner above.

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