

# Sodium Silicate Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

The global sodium silicate market size reached US\$ 7.5 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 10.0 Billion by 2028, exhibiting a growth rate (CAGR) of 4.65% during 2023-2028.

Sodium silicate, or water glass, is a colorless, flaked and inorganic compound composed of sodium and silica oxides. It consists of a silicate in the form of a counterion and is manufactured by fusing silicon dioxide from sand and sodium oxide from soda ash. It is commonly available in crystalline and anhydrous forms and is widely used in soaps, refractory cement, drilling fluids, detergents, adhesives, mineral processing and zeolites. It is also widely utilized as a pickling agent and corrosion inhibitor. Sodium silicate exhibits various advantageous properties, such as high temperature, acid and water resistance and enhanced stability in alkaline solutions. As a result, it finds extensive application across various industries, such as textile, automotive, paper and pharmaceutical.

### Sodium Silicate Market Trends:

Significant growth in the pulp and paper industry across the globe is one of the key factors creating a positive outlook for the market. Sodium silicate is widely used as a stabilizer for pulp bleaching, additive for de-inking recycled paper and as adhesive to bond paper board and cardboard. Additionally, the widespread product adoption in the construction industry for concrete hardening, cement refractories and soil stabilization is favoring the market growth. Various product innovations, such as the utilization of eco-friendly raw materials for the manufacturing of sodium silicate, are providing a thrust to the market growth. In line with this, the widespread utilization of sodium silicate in the textile industry for cleaning, finishing, kier boiling, wool scouring, bleaching and

degumming of fabrics is positively impacting the market growth. Other factors, including the increasing adoption of sodium silicate as a cleaning agent and pH stabilizer in water treatment plants, along with the implementation of various government initiatives to enhance treatment and stabilization facilities, are anticipated to drive the market toward growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global sodium silicate market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, grade, form, application and end user.

#### Breakup by Type:

- Liquid
- Solid

#### Breakup by Grade:

- Neutral
- Alkaline

#### Breakup by Form:

- Crystalline
- Anhydrous

#### Breakup by Application:

- Detergent
- Paints
- Adhesives
- Catalyst
- Refractories
- Tube Winding
- Others

#### Breakup by End User:

Pulp and Paper  
Construction  
Automotive  
Others

#### Breakup by Region:

North America  
United States  
Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being BASF SE, CIECH S.A., Evonik Industries AG, Kiran Global Chem Limited, Merck KGaA, Nippon Chemical Industrial Co. Ltd., Occidental Petroleum Corporation, PPG Industries Inc., PQ Corporation, Sinchem Silica Gel Co. Ltd., Solvay S.A., Tokuyama Corporation and W. R. Grace and Co.

### Key Questions Answered in This Report

1. What was the size of the global sodium silicate market in 2022?
2. What is the expected growth rate of the global sodium silicate market during 2023-2028?
3. What are the key factors driving the global sodium silicate market?
4. What has been the impact of COVID-19 on the global sodium silicate market?
5. What is the breakup of the global sodium silicate market based on the type?
6. What is the breakup of the global sodium silicate market based on the grade?
7. What is the breakup of the global sodium silicate market based on the form?
8. What is the breakup of the global sodium silicate market based on the application?
9. What are the key regions in the global sodium silicate market?
10. Who are the key players/companies in the global sodium silicate market?

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