

**Sodium Silicate Market Research Report by Form (Solid Sodium Silicate, Liquid Sodium Silicate), by Application (Precipitated Silica, Detergents, Construction, Metal Casting, Food Preservation, Water Treatment, Pulp & Paper, Others), and by Region (North America, Europe, Asia Pacific, South America, Middle East and Africa)
Forecast till 2035**

Market Report | 2025-12-05 | 137 pages | Market Research Future

AVAILABLE LICENSES:

- Single User Price \$4950.00
- Enterprisewide Price \$7250.00

Report description:

The Global Sodium Silicate Market is projected to reach USD 3,179.89 million by 2035, expanding at a CAGR of 7.20% during 2025-2035. Sodium silicate is made up of silicon dioxide and sodium oxide mixed in different proportions.

Infrastructure Development and Construction Growth

Infrastructure investing and urban building works are reaping benefits for the sodium silicate industry as the chemical is being utilized more and more as a concrete additive and binder. Its role in improving strength, durability, and fire resistance makes it essential for modern projects.

Segmentation Overview

By Form

- Solid Sodium Silicate: Used in industrial manufacturing processes
- Liquid Sodium Silicate: Preferred for easy handling applications

By Application

- Precipitated Silica: Key raw material for rubber
- Detergents: Acts as builder and stabilizer
- Construction: Enhances concrete strength and durability
- Metal Casting: Used as efficient foundry binder

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- Food Preservation: Applied as approved food additive
- Water Treatment: Controls corrosion and water hardness
- Pulp & Paper: Improves paper strength and brightness
- Others: Includes adhesives and specialty uses

Regional Insights

North America and Europe have a demand that is stable and quite saturated, whereas the Asia-Pacific region is the main driver of demand through the rapid pace of its industrialization. South America and MEA are also developing at a moderate pace, mainly because of construction activities and water treatment.

Cost Pressure Risks

The fluctuating prices of raw materials and energy are a constant source of concern for the manufacturers of chemicals. The ability to keep costs under control is an issue that the management of the companies has to deal with quite frequently.

Key Report Attributes

- Market Size 2024: USD 1,496.00 Million
- Market Size 2035: USD 3,179.89 Million
- CAGR (2025-2035): 7.20%
- Base Year: 2024
- Market Forecast Period: 2025-2035

Industry Segmentations Growth

- By Form: Solid Sodium Silicate - 6.2%, Liquid Sodium Silicate - 7.9%.
- By Application: Precipitated Silica - 6.9%, Detergents - 8.7%.

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