

# **U.S. Liquid Sodium Silicate (LSS) Market Analysis By Product (LSS A, LSS B, LSS C), By Application (Detergents, Catalysts, Pulp & Paper, Elastomers, Food & Healthcare), By State (Texas, Mississippi, Louisiana, Arkansas), And Segment Forecasts, 2013 - 2024**

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## **Abstracts**

The U.S liquid sodium silicate market is expected to reach USD 657.9 million by 2024, according to a new report by Grand View Research, Inc. Growing demand for the product as an adhesive in pulp and paper, and cement industry is expected to drive growth over the forecast period.

The U.S. liquid sodium silicate industry is expected highly competitive owing to the presence of several major manufacturers including PQ Corporation, OxyChem Corporation and PPG industries, with large production capacities. The majority of the manufacturers are involved in the captive consumption of the product to manufacture LSS derived products including precipitated silica, zeolite and silica gel in order to tap the rising consumer demand.

Increasing raw material prices coupled with high transportation costs associated with LSS is likely to hamper gross margins for the industry players. However, innovation in the manufacturing process to replace conventional raw materials with rice husk is expected to compel new players to enter into the market.

Further key findings from the report suggest:

Paper & pulp was a key application segment for liquid sodium silicate and is expected to

grow at a CAGR of over 3% from 2016 to 2024. Growing demand for the product for binding corrugated board, angle boards, toilet tissues and paper napkins is expected to drive growth

LSS A, which covers the SiO<sub>2</sub>/NO<sub>2</sub>O ratio ranging from 3.22 to 3.5, is the most prominent product segment for LSS. Rising demand for the product in acid-proof cement, adhesive formulations, coating formulations, coating roofing granules, engine coolants, drilling muds, and hardening concrete is likely to propel industry growth

Abundant availability of the raw materials including soda ash, silica sand as well as rice husk in the Arkansas is expected to propel industry growth in the region

Parameters such as raw material prices and ratio, operational cost, transportation cost are the three key factors which derives the value of final; liquid sodium silicate products

PQ corporation dominated the U.S. liquid sodium silicate industry accounting over 35% of the overall market followed by Oxychem Corporation, which accounted for a share of over 20% in 2015

The key players in the U.S. liquid sodium silicate industry include PQ Corporation, BASF, PPG Industries, W.R. Grace & Company, J.M. Huber Corporation, OxyChem Corporation.

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