U.S. Liquid Sodium Silicate (LSS) Market Analysis By Product, By Application, By State And Segment Forecasts, 2013 - 2024

Description: The U.S liquid sodium silicate market is expected to reach USD 657.9 million by 2024, according to this new report. 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 SiO2/NO2O 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.

Contents:
1 Methodology And Scope
1.1 Research Methodology
1.2 Research Scope & Assumptions
1.3 List of Data Sources

2 Executive Summary
2.1 Market Snapshot

3 Market Variables, Trends & Scope
3.1 Market segmentation& scope
3.2 U.S. Liquid Sodium Silicate Value Chain Analysis
3.3 Raw Material Trend
3.3.1 Sodium carbonate (Soda ash)
3.3.2 Silica sand
3.3.3 Rice husk
3.4 Market dynamics
3.4.1 Market Driver Analysis
3.4.1.1 Growing demand for sodium silicate derived products
3.4.1.2 Growth of sodium silicate in niche applications
3.4.2 Market Restraint Analysis
3.4.2.1 Presence of substitutes
3.4.2.1 High transportation cost
3.4 Liquid Sodium Silicate (LSS) Production Overview
3.5.1 Production Overview
3.5.2 Cost break-up analysis
3.5.3 Product cost
3.6 Liquid Sodium Silicate (LSS) Consumption Overview
3.6.1 List of Potential Consumers for LSS in the U.S.
3.7 Liquid Sodium Silicate (LSS) Purity Level Classification
3.7.1 Sodium silicate: LSS A
3.7.2 Sodium silicate: LSS B
3.7.3 Sodium silicate: LSS C
3.7.4 Product grades and respective applications
3.8 Price trend analysis
3.9 Liquid Sodium Silicate (LSS) Supply Chain Analysis
3.10 Regulatory Framework
3.11 Industry Analysis - Porter's
3.12 U.S. Liquid Sodium Silicate market - SWOT Analysis, By Factor (political & legal, economic and social)

4 U.S. Liquid Sodium Silicate (LSS): Product Estimates & Trend Analysis
4.1 U.S. liquid sodium silicate market: Product movement analysis
4.2 LSS A
4.2.1 LSS A market in the U.S., 2013 - 2024 (Kilo Tons) (USD Million)
4.3 LSS B
4.3.1 LSS B market in the U.S., 2013 - 2024 (Kilo Tons) (USD Million)
4.4 LSS C
4.4.1 LSS C market in the U.S., 2013 - 2024 (USD Million)

5 U.S. Liquid Sodium Silicate (LSS): Application Estimates & Trend Analysis
5.1 U.S. LSS market: Application movement analysis
5.1.1 Detergents
5.1.1.1 U.S. LSS market in detergents, 2013 - 2024 (Kilo Tons) (USD Million)
5.1.2 Catalyst
5.1.2.1 U.S. LSS market in catalyst, 2013 - 2024 (Kilo Tons) (USD Million)
5.1.3 Pulp and paper
5.1.3.1 U.S. LSS market in pulp and paper, 2013 - 2024 (Kilo Tons) (USD Million)
5.1.4 Elastomers
5.1.4.1 U.S. LSS market in elastomers, 2013 - 2024 (Kilo Tons) (USD Million)
5.1.5 Food & healthcare
5.1.5.1 U.S. LSS market in food & healthcare, 2013 - 2024 (Kilo Tons) (USD Million)
5.1.6 Others
5.1.6.1 U.S. LSS market in other applications, 2013 - 2024 (Kilo Tons) (USD Million)

6 U.S. Liquid Sodium Silicate: Regional Estimates & Trend Analysis
6.1 Regional Movement Analysis & Market Share, 2015 & 2024
6.1.1 U.S. Movement Analysis & Market Share, 2015 & 2024
6.1.1.1 U.S. market estimates and forecast, by product (Kilo Tons) (USD Million)
6.1.1.2 U.S. market estimates and forecast, by application (Kilo Tons) (USD Million)
6.1.1.3 Texas Movement Analysis & Market Share, 2015 & 2024
6.1.1.3.1 Texas. Market estimates and forecast, by product (Kilo Tons) (USD Million)
6.1.1.3.2 Texas market estimates and forecast, by application (Kilo Tons) (USD Million)
6.1.1.4 Mississippi Movement Analysis & Market Share, 2015 & 2024
6.1.1.4.1 Mississippi market estimates and forecast, by product (Kilo Tons) (USD Million)
6.1.1.4.2 Mississippi market estimates and forecast, by application (Kilo Tons) (USD Million)
6.1.1.5 Louisiana Movement Analysis & Market Share, 2015 & 2024
6.1.1.5.1 Louisiana market estimates and forecast, by product (Kilo Tons) (USD Million)
6.1.1.5.2 Louisiana market estimates and forecast, by application (Kilo Tons) (USD Million)
6.1.1.6 Arkansas Movement Analysis & Market Share, 2015 & 2024
6.1.1.6.1 Arkansas market estimates and forecast, by product (Kilo Tons) (USD Million)
6.1.1.6.2 Arkansas market estimates and forecast, by application (Kilo Tons) (USD Million)
6.1.1.7 Illinois Movement Analysis & Market Share, 2015 & 2024
6.1.1.7.1 Illinois market estimates and forecast, by product (Kilo Tons) (USD Million)
6.1.1.7.2 Illinois market estimates and forecast, by application (Kilo Tons) (USD Million)
6.1.1.8 Georgia Movement Analysis & Market Share, 2015 & 2024
6.1.1.8.1 Georgia market estimates and forecast, by product (Kilo Tons) (USD Million)
6.1.1.8.2 Georgia market estimates and forecast, by application (Kilo Tons) (USD Million)

7 Competitive Landscape
7.1 Company market share
7.2 Manufacturing locations

8 Company Profiles
8.1 PQ Corporation
8.1.1 Company Overview
8.1.2 Financial Performance
8.1.3 Product Benchmarking
8.2 BASF
8.2.1 Company Overview
8.2.2 Financial Performance
8.2.3 Product Benchmarking
8.3 PPG Industries
8.3.1 Company Overview
8.3.2 Financial Performance
8.3.3 Product Benchmarking
8.4 W.R. Grace & Company
8.4.1 Company Overview
8.4.2 Financial Performance
8.4.3 Product Benchmarking
8.4.4 Strategic Initiatives
8.5 J.M. Huber Corporation
8.5.1 Company Overview
8.5.2 Financial Performance
8.5.3 Product Benchmarking
8.6 Occidental Petroleum Corporation
8.6.1 Company Overview
8.6.2 Financial Performance
8.6.3 Product Benchmarking
8.6.4 Strategic Initiatives

List of Tables

Table 1 Sodium silicate: Product grades & applications
Table 2 U.S. LSS market volume, by product, 2013 - 2024 (Kilo Tons)
Table 3 U.S. LSS market revenue, by product, 2013 - 2024 (USD Million)
Table 4 U.S. LSS market volume, by application, 2013 - 2024 (Kilo Tons)
Table 5 U.S. LSS market revenue, by application, 2013 - 2024 (USD Million)
Table 6 Texas LSS market volume, by product, 2013 - 2024 (Kilo Tons)
Table 7 Texas LSS market revenue, by product, 2013 - 2024 (USD Million)
Table 8 Texas LSS market volume, by application, 2013 - 2024 (Kilo Tons)
Table 9 Texas LSS market revenue, by application, 2013 - 2024 (USD Million)
Table 10 Mississippi LSS market volume, by product, 2013 - 2024 (Kilo Tons)
Table 11 Mississippi LSS market revenue, by product, 2013 - 2024 (USD Million)
Table 12 Mississippi LSS market volume, by application, 2013 - 2024 (Kilo Tons)
Table 13 Mississippi LSS market revenue, by application, 2013 - 2024 (USD Million)
Table 14 Louisiana LSS market volume, by product, 2013 - 2024 (Kilo Tons)
Table 15 Louisiana LSS market revenue, by product, 2013 - 2024 (USD Million)
Table 16 Louisiana LSS market volume, by application, 2013 - 2024 (Kilo Tons)
Table 17 Louisiana LSS market revenue, by application, 2013 - 2024 (USD Million)
Table 18 Arkansas LSS market volume, by product, 2013 - 2024 (Kilo Tons)
Table 19 Arkansas LSS market revenue, by product, 2013 - 2024 (USD Million)
Table 20 Arkansas LSS market volume, by application, 2013 - 2024 (Kilo Tons)
Table 21 Arkansas LSS market revenue, by application, 2013 - 2024 (USD Million)
Table 22 Illinois LSS market volume, by product, 2013 - 2024 (Kilo Tons)
Table 23 Illinois LSS market revenue, by product, 2013 - 2024 (USD Million)
Table 23 Illinois LSS market revenue, by product, 2013 - 2024 (USD Million)
Table 24 Illinois LSS market volume, by application, 2013 - 2024 (Kilo Tons)
Table 25 Illinois LSS market revenue, by application, 2013 - 2024 (USD Million)
Table 26 Georgia LSS market volume, by product, 2013 - 2024 (Kilo Tons)
Table 27 Georgia LSS market revenue, by product, 2013 - 2024 (USD Million)
Table 28 Georgia LSS market volume, by application, 2013 - 2024 (Kilo Tons)
Table 29 Georgia LSS market revenue, by application, 2013 - 2024 (USD Million)

List of Figures

Figure 1 Market summary
Figure 2 Market trends & outlook
Figure 3 Market segmentation & scope
Figure 4 U.S. Liquid Sodium Silicate Value Chain Analysis
Figure 5 Global sodium carbonate consumption by region, 2015
Figure 6 Soda ash end use application in the U.S.
Figure 7 Global silica sand consumption, 2013 - 2018 (Million tons)
Figure 8 U.S. Rice production, 2010 - 2016 (Million cwt)
Figure 9 Market dynamics
Figure 10 Market driver relevance analysis (Current & future impact)
Figure 11 U.S. precipitated silica demand estimates and forecasts., 2013 - 2024 (Kilo Tons)
Figure 12 Market restraint relevance analysis (Current & future impact)
Figure 13 Furnace process for the manufacturing of soluble sodium silicate products
Figure 14 LSS A Sodium Silicate: Composition
Figure 15 LSS B Sodium Silicate: Composition
Figure 16 LSS C Sodium Silicate: Composition
Figure 17 Liquid sodium silicate: Price trend analysis, by product grade, 2013 - 2024 (USD/ton)
Figure 18 LSS Supply Chain
Figure 19 Porter's Five Forces Analysis
Figure 20 SWOT Analysis, By Factor (political & legal, economic and social)
Figure 21 U.S. liquid sodium silicate market: Product movement analysis
Figure 22 LSS A market in the U.S., 2013 - 2024 (Kilo Tons) (USD Million)
Figure 23 LSS B market in the U.S., 2013 - 2024 (USD Million)
Figure 24 LSS C market in the U.S., 2013 - 2024 (Kilo Tons) (USD Million)
Figure 25 U.S. LSS market: Application movement analysis
Figure 26 U.S. LSS market in detergents, 2013 - 2024 (Kilo Tons) (USD Million)
Figure 27 U.S. LSS market in catalyst, 2013 - 2024 (Kilo Tons) (USD Million)
Figure 28 U.S. LSS in pulp and paper, 2013 - 2024 (Kilo Tons) (USD Million)
Figure 29 U.S. LSS in elastomers, 2013 - 2024 (Kilo Tons) (USD Million)
Figure 30 U.S. LSS in food & healthcare, 2013 - 2024 (Kilo Tons) (USD Million)
Figure 31 U.S. LSS in other applications, 2013 - 2024 (Kilo Tons) (USD Million)
Figure 32 Market share analysis

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