

Global High Selectivity Phosphoric Acid (HSP) Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G7AACD78DA5BEN.html>

Date: October 2023

Pages: 76

Price: US\$ 4,480.00 (Single User License)

ID: G7AACD78DA5BEN

Abstracts

The global High Selectivity Phosphoric Acid (HSP) market size is expected to reach \$ 458.8 million by 2029, rising at a market growth of 6.9% CAGR during the forecast period (2023-2029).

In the High Selectivity Phosphoric Acid (HSPA) industry, Soulbrain, Shanghai Sinyang, LTCAM Co. and Xingfa Group are the four industry leaders. Together, these four companies account for more than 99% of the industry's production capacity. China and South Korea are the major producers of the product, with South Korea holding about 70% of the market share. The product is categorised into thermal phosphoric acid and other phosphoric acids, which are mainly used for 3D printing of different layers.

In 3D NAND manufacturing process, dozens of layers of SiO₂ and SiN are deposited, and the SiN layer is selectively removed using hot phosphorous. High selectivity phosphoric acid (HSP) can selectively etch SiN while leaving SiO₂. In this process, the desired etching rate can be achieved by controlling the concentration and temperature of the phosphoric acid solution. Usually, the concentration of HSP solution is not lower than 85%.

This report studies the global High Selectivity Phosphoric Acid (HSP) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Selectivity Phosphoric Acid (HSP), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of High Selectivity Phosphoric Acid (HSP) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High Selectivity Phosphoric Acid (HSP) total production and demand, 2018-2029, (Tons)

Global High Selectivity Phosphoric Acid (HSP) total production value, 2018-2029, (USD Million)

Global High Selectivity Phosphoric Acid (HSP) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global High Selectivity Phosphoric Acid (HSP) consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: High Selectivity Phosphoric Acid (HSP) domestic production, consumption, key domestic manufacturers and share

Global High Selectivity Phosphoric Acid (HSP) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global High Selectivity Phosphoric Acid (HSP) production by Process, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global High Selectivity Phosphoric Acid (HSP) production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global High Selectivity Phosphoric Acid (HSP) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Soulbrain, Shanghai Sinyang, LTCAM Co. and Xingfa Group, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High Selectivity Phosphoric Acid (HSP) market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Process, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global High Selectivity Phosphoric Acid (HSP) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global High Selectivity Phosphoric Acid (HSP) Market, Segmentation by Process

Thermal Process

Other

Global High Selectivity Phosphoric Acid (HSP) Market, Segmentation by Application

96 Layer and Below 3D NAND

128-Layer 3D NAND

176-Layer 3D NAND

200-300 Layer 3D NAND

Above 300 Layer 3D NAND

Companies Profiled:

Soulbrain

Shanghai Sinyang

LTCAM Co.

Xingfa Group

Key Questions Answered

1. How big is the global High Selectivity Phosphoric Acid (HSP) market?
2. What is the demand of the global High Selectivity Phosphoric Acid (HSP) market?
3. What is the year over year growth of the global High Selectivity Phosphoric Acid (HSP) market?
4. What is the production and production value of the global High Selectivity Phosphoric Acid (HSP) market?
5. Who are the key producers in the global High Selectivity Phosphoric Acid (HSP) market?

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