

Global Yellow Phosphorous Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Foreign Trade, Company Share, 2015-2030

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Abstracts

The global Yellow Phosphorous market has expanded to reach approximately 2000 thousand tonnes in 2021 and is expected to grow at a healthy CAGR of 5.28% during the forecast period until 2030.

The primary market driving factor of Yellow Phosphorous is for the production of phosphate-based chemicals like phosphoric acid, phosphorus trichloride, and phosphorus oxychloride. Although, phosphoric acid is the most frequently produced derivative of yellow phosphorous. It is utilized to synthesize derivatives like food grade phosphoric acid, sodium tripolyphosphate, sodium hexametaphosphate, calcium hydrogen peroxide, and industrial grade phosphoric acid. Phosphoric acid's capacity to supply crops with the necessary nutrients, makes it a suitable component to manufacture fertilizers like diammonium phosphate (DAP), monoammonium phosphate (MAP), NPKs, and SSP. Owing to the robust demand of crops, the demand of phosphoric acid is bound to rise in the upcoming years which will most likely swell the demand of Yellow Phosphorous by 2030. The global Yellow Phosphorous market will most likely reach 3000 thousand tonnes by 2030.

Yellow Phosphorous is a tetramer of phosphorous. It is highly flammable in nature and should be stored in an airtight packaging. This compound appears as a waxy crystalline form with yellow to pale yellow color. This substance is corrosive in nature and should be handled properly. Yellow Phosphorous can be prepared by phosphorous ore by first mixing the ore with silica and carbon reductant, mix, add water/coal, re-mixing, followed by palletization. After this, it is sintered in the vacuum furnace followed by extrusion to

result in yellow phosphorous vapor. It is then filtered and cooled to result in the final product.

Based on region, the Asia Pacific region is dominating the Yellow Phosphorous market. In 2021, this region accounted for consumption of approximately 55% of the market. With growing population coupled with fast-paced economic growth, the demand of phosphate-based fertilizers will increase, creating a demand of yellow phosphorous as a raw material. Moreover, China is the leading manufacturer of Yellow Phosphorous, followed by Kazakhstan and Vietnam. China is anticipated to display an upward trajectory in the upcoming years as well.

Based on the end-user industry, the global Yellow Phosphorous market is segregated into Phosphoric Acid, Phosphorus Trichloride, Phosphorus Oxychloride, and Others. Yellow Phosphorous is primarily consumed for manufacturing Phosphoric Acid, accounting for nearly 60% of global consumption in 2021. Although, the demand of Yellow Phosphorous to manufacture Phosphorus Trichloride is yet another impressive application. Phosphoric Acid is majorly consumed preparation of phosphate-based fertilizers like DAP which is widely used in the agriculture sector. Furthermore, phosphorous trichloride is a versatile chemical employed to manufacture a number of goods, including agricultural goods, surfactants and metal extractants, fire retardants, lubricant additives, and plastic stabilizers.

Major players in the production of Global Yellow Phosphorous are Kazphosphate LLC, Jiangyin Chengxing Industrial Group Co., Ltd., Hubei Xingfa Chemicals Group Co., Bayer (Monsanto), Sichuan Province Chuantou Chemical Industry Group Co. Ltd, Duc Giang Chemicals Group (DGC), Jiangsu Chengxing Phosph-Chemicals Co. Ltd, Yunnan Phosphate Fertilizer Industrial Co.,Ltd.(YPFIC), Yuntu Holdings, Yunnan Malong Industry Group Co., Ltd., Chengdu Wintrue Holding, Guizhou Sino-Phos Chemical Co., Ltd., Sichuan Leshan Jinguang Chemicals Co., Ltd., Guizhou Qianneng Tianhe Phosphorus Industry Co., Ltd., Yuntianhua Group Co.,Ltd., and Viet Nam Phosphorus Joint Stock Company.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2030

Objective of the Study:

To assess the demand-supply scenario of Yellow Phosphorous which covers production, demand and supply of Yellow Phosphorous market in the globe.

To analyse and forecast the market size of Yellow Phosphorous

To classify and forecast Global Yellow Phosphorous market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of Yellow Phosphorous market in the globe.

To extract data for Global Yellow Phosphorous market, primary research surveys were conducted with Yellow Phosphorous manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global Yellow Phosphorous market over the coming years.

ChemAnalyst calculated Yellow Phosphorous demand in the globe by analyzing the historical data and demand forecast which was carried out considering the historical extraction and supply and demand of Yellow Phosphorous across the globe. ChemAnalyst sourced these values from industry experts, and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Global Yellow Phosphorous Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply,...

Yellow Phosphorous manufacturers and other stakeholders

Organizations, forums and alliances related to Yellow
Phosphorous distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Yellow Phosphorous manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global Yellow Phosphorous market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Phosphoric Acid, Phosphorus Trichloride, Phosphorus
Oxychloride, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa,
and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Yellow Phosphorous.

2. CAPACITY BY LOCATION

To better understand the regional supply of Yellow Phosphorous by analyzing its manufacturers' location-based capacity.

3. PRODUCTION BY COMPANY

Study the historical annual production of Yellow Phosphorous by the leading players and forecast how it will grow in the coming years.

4. DEMAND BY END- USE

Discover which end-user industry (Phosphoric Acid, Phosphorus Trichloride, Phosphorus Oxychloride, and Others) are creating a market and the forecast for the growth of the Yellow Phosphorous market.

5. DEMAND BY REGION

Analyzing the change in demand of Yellow Phosphorous in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

6. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Yellow Phosphorous. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

7. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or

deficiency of Yellow Phosphorous.

8. COMPANY SHARE

Figure out what proportion of the market share of Yellow Phosphorous is currently held by leading players across the globe.

9. COUNTRY-WISE EXPORT

Get details about quantity of Yellow Phosphorous exported by major countries.

10. COUNTRY-WISE IMPORT

Get details about quantity of Yellow Phosphorous imported by major countries.

11. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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