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Phosphorus Trichloride Market Research Report - Forecast to 2030

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Description:

Phosphorus Trichloride Market Overview

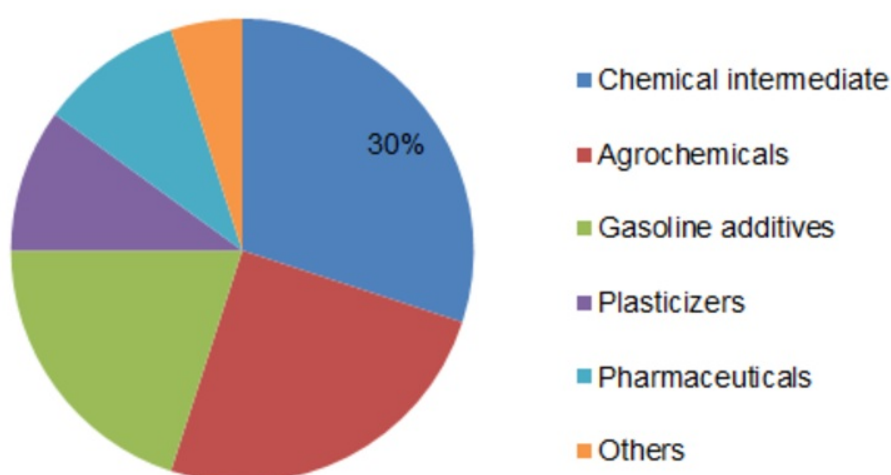
Phosphorus Trichloride Market is projected to be worth USD 2.36 Billion by 2027, registering a CAGR of 5.12% during the forecast period (2020 - 2027). Phosphorus trichloride is a colorless and slightly yellowish fuming liquid. The most predominant use of phosphorus trichloride is in manufacturing phosphorus oxychloride, an important chemical in manufacturing phosphate ester insecticides. It is also used to synthesize other important chemical compounds such as phosphonic acids, thiophosphoryl chloride, phosphoryl chloride, phosphorous pentachloride, etc., used in producing flame retardant oil additives, plasticizers, insecticides, herbicides, etc.

The surging demand for phosphorus trichloride as a plasticizer in the polymer industry, owing to its ability to impart flexibility, durability, and plasticity to PVC, has driven the quantum of sales of phosphorous trichloride. The fast-growing applications of PVC in industrial and consumer goods are anticipated to have a positive impact on the phosphorous trichloride industry in the forecast period. Furthermore, the use of phosphorous trichloride as a raw material in the pharmaceutical industry to formulate the drug 'Sulfadiazine' used globally to treat Haemophilus influenza, chlamydia, chancroid, and the rheumatic fever has stimulated the growth of the phosphorous trichloride market. Moreover, phosphorous trichloride is also the starting material in manufacturing several commercial agrochemicals. The robustly growing agrochemical industry will create significant demand for phosphorous trichloride.

Key Players

Some of the prominent manufacturers in the global market of phosphorus trichloride are Monsanto Company (the U.S.), Solvay (Belgium), Merck KGaA (Germany), LAXNESS (Germany), PCC Rokita (Poland), ICL (Israel), SANDHYA GROUP (India), Alfa Aesar, Thermo Fisher Scientific (the U.S.), Parchem fine & specialty chemicals (New York), and Xuzhou Jianping Chemical Co., Ltd (China)

Phosphorus Trichloride Share, by the Application (%)



Regional Analysis

The global phosphorus trichloride market is segmented into five regions Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa.

The Asia Pacific is anticipated to lead the global phosphorus trichloride market due to the high demand for chemicals and agrochemical industries. The use of phosphorus trichloride in the manufacturing of fertilizers, insecticides, and pesticides is the major driver of the market in this region. The increasing demand for better crop productivity mingled with the growing population is likely to fuel the market growth in coming years.

The North American market is primarily driven by the high demand for phosphorus trichloride from robust chemical

industries in this region. Furthermore, the demand for pharmaceuticals in the U.S. drives the market growth positively.

Europe is another significant region in the global phosphorus trichloride market on account of the growing demand from major end-use industries such as chemicals, plastics & polymers, and others.

The Latin American market is driven by the increased product demand for manufacturing plasticizers with Brazil and Argentina being the major countries.

Lastly, the Middle East & Africa is anticipated to showcase a significant growth on account of the increasing demand for agrochemicals and pesticides owing to the increased health awareness among the consumers and demand for food production. The demand for food production is driven by lack of agricultural land.

Segmentation

The global phosphorus trichloride market is segmented on the basis of the application and region.

Based on the application, the global phosphorus trichloride market is segmented into chemical intermediate, agrochemicals, a gasoline additive, plasticizer, pharmaceuticals, and others.

Geographically, the global phosphorus trichloride market is segmented into five major regions namely Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa.

Recent Development

Trends suggest that Phosphorous Trichloride is viably consumed in the agriculture sector, and demand for the product in the European market remained firm in the agrochemicals sector. The European region had witnessed extended energy crises, which led to the fall in operating rates of various plants. The energy crises in China led to the shortage of the product in Asia and Europe in early Q4, which continued to affect the prices of Yellow Phosphorous and its derivatives for a prolonged period. Phosphorous Trichloride prices were subject to fluctuations in a firm range across the quarter. In early Q4, soaring raw material costs affected the price trend of Phosphorus Trichloride across the regional market. Due to the dual-energy policy and other production-related issues, production halts in China hit the overall output of raw material Yellow Phosphorus for the global market.

Intended Audience

- Phosphorus trichloride Manufacturers
- Traders and distributors of Phosphorus trichloride
- Research and development institutes
- Potential investors
- Raw material suppliers
- Nationalized laboratory

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