

# Market Analysis on Polyurethane Dispersions (PUD) market and Potassium Cyanide market forecasted till 2030

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*Market Analysis on Polyurethane Dispersions (PUD) market, Potassium Benzoate (CAS 582-25-2) market and Potassium Cyanide market forecasted till 2030*

SEATTLE, WASHINGTON, USA, July 12, 2023 /EINPresswire.com/ -- Executive Summary: The Polyurethane Dispersions (PUD) market is experiencing substantial growth, with a predicted CAGR of 9.00% from 2023 to 2030. Factors driving this growth include rising demand for environmentally-friendly coatings and adhesives, as well as the increasing adoption of water-based PUDs. Asia-Pacific is expected to be the fastest-growing market due to its growing industrial and construction sectors. The global PUD market is estimated to reach \$1.7 billion by 2027, with increasing application in industries such as automotive, construction, and textiles. PUDs also provide benefits such as durability, flexibility, and resistance to chemicals and water.

The global polyurethane dispersions (PUD) market is highly competitive, with a few major players accounting for a significant market share. Some of the leading companies operating in the market include Bayer, Chemtura, DSM, Lubrizol, BASF, Mitsui Chemicals, Alberdingk Boley, Hauthaway, Stahl, DIC, Reichhold, Wanhua Chemical, Dow Chemical, SiwoChem, SNP, Chase, VCM Polyurethanes, and UBE.

These companies use PUD in various applications such as coatings, adhesives, and sealants. They have been contributing to the growth of the market through product innovations, strategic partnerships, and expanding their geographical reach through mergers and acquisitions.

Some of the sales revenue figures of the above-listed companies in 2020 are:

- BASF: \$59.5 billion
- Dow Chemical: \$41.5 billion
- Bayer: \$48.4 billion
- DSM: \$10.7 billion
- Lubrizol: \$6.5 billion

Polyurethane Dispersions (PUD) are an essential class of polymer used in various industrial applications such as adhesives, coatings, and sealants. There are three types of PUDs: One-Component Polyurethane, Two-Component Polyurethane, and Urethane-modified. One-Component Polyurethane Dispersion (PUD) contains a polyurethane polymer that is dispersed in an aqueous medium, whereas Two-Component PUD is the mixture of two liquid components. Urethane-modified PUDs contain a blend of polyurethane and other resins or polymers, which make them compatible with many substrates and improve toughness.

Polyurethane dispersions (PUD) are used in various applications including coatings, adhesives & sealants, leather finishing, paper & textile, and fiber glass sizing. In coatings, PUD provides excellent abrasion resistance and scratch resistance, making it suitable for applications such as wood floor coatings and automotive coatings. In adhesives & sealants, PUD provides a strong permanently tacky bond, making it suitable for applications such as disposable hygiene products. In leather finishing, PUD provides a durable protective coating, making it an excellent alternative to traditional solvent-based finishes. In paper & textile, PUD provides a soft and flexible feel, making it suitable for applications such as clothing and upholstery. Lastly, in fiber glass sizing, PUD provides excellent adhesion and corrosion resistance, making it suitable for applications such as water tanks and pipelines.

Asia Pacific is also expected to witness significant growth in the PUD market due to the increasing demand from various end-use industries such as automotive, construction, and textiles. The region is expected to witness the highest compound annual growth rate (CAGR) during the forecast period due to the rise in urbanization, industrialization, and increasing disposable income of the population in the region.

The report suggests that the global Polyurethane Dispersions (PUD) market is expected to reach a market valuation of approximately USD 2.7 billion by 2027, growing at a CAGR of 6.5% during the forecast period. North America is expected to hold the largest market share of approximately 38%, followed by Europe with approximately 28%, while Asia Pacific is expected to witness the highest CAGR of approximately 8.5%. Other regions, including Latin America and the Middle East & Africa, are also expected to witness moderate growth in the PUD market during the forecast period.

Click here for more information: <https://www.reportprime.com/polyurethane-dispersions-pud-r830>

## Executive Summary

The Potassium Benzoate (CAS 582-25-2) market research reports suggest that the market is expected to grow at a CAGR of 7.80% during the forecast period (2023-2030). The rising demand for processed and packaged foods and the increasing awareness of food safety and preservation are the major factors driving the growth of the market. The Market is expected to grow from USD 23.00 Million in 2022 to USD 37.00 Million by 2030, at a CAGR of 7.48% during the forecast

period. The report also covers the key players in the market, their market share, and the strategies adopted by them to stay competitive.

Potassium benzoate (CAS 582-25-2) is an important ingredient in food additives and preservatives used by the food and beverage industry. The increasing demand for processed food and beverages, and the need for extended shelf life of these products, are driving the growth of the potassium benzoate market globally.

Some of the major companies operating in the potassium benzoate market include Emerald Kalama Chemical, Tengzhou Tenglong Chemical, A.M Food Chemical, Tengzhou Aolong Chemical, Macco Organiques Inc., FBC Industries, Shandong Tong Tai Wei Run Chemical, and Shandong Ruisheng Biotechnology. These players are constantly involved in research and development activities to innovate new products and expand their product portfolios.

In terms of revenue figures, Emerald Kalama Chemical reported sales revenue of \$720 million in 2019. Tengzhou Tenglong Chemical and A.M Food Chemical reported sales revenue of \$50 million and \$20 million, respectively, in the same year.

Potassium Benzoate (CAS 582-25-2) is a white crystalline powder that is soluble in water and has a slightly sweet taste. It is commonly used as a food preservative due to its ability to inhibit the growth of bacteria, yeast, and fungi. There are two types of potassium benzoate: Food Grade Potassium Benzoate and Pharmaceutical Grade Potassium Benzoate. Food Grade Potassium Benzoate is used in food manufacturing processes, mainly as a preservative. Pharmaceutical Grade Potassium Benzoate is used in the pharmaceutical industry to treat a range of medical conditions, including urinary tract infections and disorders of the digestive system.

Potassium Benzoate (CAS 582-25-2) has various applications in the food and beverage industry as a preservative to prevent the growth of bacteria, yeasts, and fungi. It is also used in personal care products like shampoo, body wash, and skin creams to extend their shelf life. In the pharmaceutical industry, it is used as a preservative as well as a component in some medications. Potassium Benzoate is a replacement for sodium benzoate, which is known to cause health issues such as hyperactivity and allergies.

The regions expected to dominate the global Potassium Benzoate (CAS 582-25-2) market are North America, Europe, and Asia Pacific. The report predicts that North America will hold the largest share of the market, followed by Europe and Asia Pacific.

In terms of market share, the report estimates that North America will account for around 40% of the global Potassium Benzoate market, while Europe is expected to hold approximately 30% share. Asia Pacific is anticipated to witness the highest growth rate during the forecast period and is projected to hold around 25% of the market share. Other regions such as Latin America, Middle East & Africa are expected to hold the remaining market share.

Click here for more information: <https://www.reportprime.com/potassium-benzoate-cas-582-25-2-r831>

## Executive Summary

The global Potassium Cyanide market is expected to witness a significant growth rate in the forecast period, owing to the increasing demand for potassium cyanide in various end-use industries. The rising demand for the chemical in the production of pesticides, dyes, and electroplating is driving the growth of the market. Additionally, the expanding gold mining industry is also positively impacting the market growth. The Asia Pacific region is expected to dominate the market during the forecast period, owing to the increasing industrialization and urbanization in the region. The Potassium Cyanide market size was estimated from USD 34.00 Million in 2022 to USD 41.00 Million by 2030, at a CAGR of 2.67% during the forecast period.

The global potassium cyanide market is highly concentrated with the top players accounting for a significant market share. The key players in the market are Evonik, Anhui Shuguang Chemical, Hebei Chengxin, Nippon-Soda, Hindusthan Chemicals, Changshu Heimuo, Orica, CyPlus GmbH, Degussa Chemicals, and Taekwang Industrial, among others. These players differ in terms of their business models, geographical presence, and product offerings.

These companies help to grow the potassium cyanide market by continuously developing innovative products, improving their distribution networks, and expanding their geographical reach. They also invest heavily in research and development to improve the quality and efficiency of their products.

In terms of sales revenue, Evonik reported a revenue of EUR 9.7 billion in 2020, while Anhui Shuguang Chemical reported a revenue of CNY 5.7 billion in 2019. Hebei Chengxin reported a revenue of CNY 1.5 billion in 2019, while Nippon-Soda reported a revenue of JPY 248.6 billion in 2020. Hindusthan Chemicals did not disclose its revenue figures.

Potassium cyanide is a highly toxic compound used in various industries such as gold mining, electroplating, and as a hydrogen sulfide scavenger. It is available in two types based on their purity level - content  $\geq 99\%$  and content 98%-99%. The  $\geq 99\%$  type of potassium cyanide is the purest form and is mainly used in the pharmaceutical industry and for research purposes. The 98%-99% type of potassium cyanide is used in gold mining and electroplating industries.

The demand for potassium cyanide in gold mining and electroplating industries is increasing due to the rising demand for gold and the growth of the electronic industry. The increase in demand for gold has led to an increase in its mining, which requires potassium cyanide. Additionally, the electronic industry uses electroplating, which requires potassium cyanide. The increase in demand for electronic devices has led to an increase in the demand for potassium cyanide.

Potassium cyanide (KCN) is mainly used in ore-dressing, plating, chemical synthesis, and pharmaceuticals. In ore-dressing, KCN is used as a depressant in the flotation of copper, lead-

zinc, and iron sulfide ores. In plating, it is used to dissolve gold and silver particles to form a plating solution. In chemical synthesis, KCN is used as a starting material for the synthesis of different organic compounds, such as acrylonitrile and adiponitrile. In pharmaceuticals, it can be used as a starting material for various drugs, such as sedatives and anesthetics.

The Asia Pacific region is expected to dominate the Potassium Cyanide market due to the increasing demand for the chemical in the mining industry and its use as a precursor for several chemicals.

The market share percentage valuation of the Potassium Cyanide market in the Asia Pacific region is expected to be around 50% in the next few years. North America and Europe are also significant regions in the market, with a combined market share of approximately 40%.

In North America, the United States is the largest consumer of Potassium Cyanide due to its high demand in the gold mining industry. The market share percentage valuation in North America is expected to be around 25%.

Europe, on the other hand, is expected to grow at a slower pace but still holds a significant share of the market due to its use in electroplating and other chemical processing industries. The market share percentage valuation of Europe is expected to be around 15%.

Click here for more information: <https://www.reportprime.com/potassium-cyanide-r832>

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