

1,6 Hexanediol Market Analysis, Revenue Share, Company Profiles, Launches, & Forecast till 2032

1,6 Hexanediol Market report also sheds light on the supply chains and the changes in the trends of the upstream raw materials and downstream distributors.

NEW YORK, NY, UNITED STATES, July 10, 2023 /EINPresswire.com/ -- The global market for 1,6 hexanediol was valued at USD 1.45 billion in 2022 and is

projected to reach USD 2.6 billion by 2032, with a compound annual growth rate (CAGR) of 6.7% during the forecast period. The increasing demand for 1,6 hexanediol, which is used in the production of coatings, adhesives, and plastics, is a major driver for market growth. High-performance polymers like Polyurethane, widely utilized in industries such as construction, automotive, and electronics, often rely on this substance.

The expansion of the automotive and construction sectors has been a significant driving force behind the growth of the [1,6 hexanediol market](#). Manufacturers are increasingly incorporating innovative materials, including high-performance polymers produced with 1,6 hexanediol, to meet the demand for lightweight and fuel-efficient vehicles. The construction industry's expansion, particularly in emerging economies, has also contributed to the market's growth.

The demand for bio-based 1,6 hexanediol has witnessed a surge due to growing consumer environmental awareness and interest in sustainable products. This compound is considered environmentally friendly as it is derived from renewable resources such as sugarcane and corn starch. The market is expanding due to the increased use of bio-based 1,6 hexanediol in various applications, including coatings and adhesives.

Technological advancements in manufacturing processes have played a significant role in driving the 1,6 hexanediol market. Improved catalysts and manufacturing methods have reduced production time and energy consumption, resulting in higher yields and lower costs.

The Asia-Pacific region, particularly China and India, is driving the growing demand for 1,6



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hexanediol. The region's rapid industrialization and urbanization have led to increased consumption of 1,6 hexanediol for high-performance polymers used in coatings, adhesives, plastics, and other applications.

However, the market expansion faces challenges such as the availability of alternatives and fluctuating prices of raw materials needed for 1,6 hexanediol production. Strict government regulations limiting the use of certain chemicals in manufacturing also hinder the market's growth throughout the forecast period.

The adoption of bio-based 1,6 hexanediol and advancements in production techniques are expected to drive significant growth in the global market during the forecast period, fueled by the increasing demand for high-performance polymers across various industries. However, the market expansion is constrained by factors including the availability of substitutes and unstable raw material costs.

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Major Companies and Competitive Landscape:

- BASF SE
- Ube Industries Ltd.
- LishuiNanming Chemical Co. Ltd.
- Perstorp Holding AB
- Fushun Tianfu Chemicals Co. Ltd.
- Lanxess AG
- Solvay S.A.
- Kuraray Co. Ltd.
- Jiangsu Qingquan Chemical Co. Ltd.
- SK Capital Partners

Notable Innovation of 1,6 Hexanediol Market

Significant advancements have been witnessed in the 1,6 hexanediol market, leading to notable innovations. Some noteworthy innovations include:

1. Development of Bio-based 1,6 Hexanediol: With growing environmental consciousness and demand for sustainable products, the production of bio-based 1,6 hexanediol has gained traction. This innovation involves deriving the compound from renewable resources such as sugarcane and corn starch. Bio-based 1,6 hexanediol offers an environmentally friendly alternative while maintaining the same functional properties as its conventional counterpart.
2. Technological Improvements in Manufacturing Processes: The market has witnessed technological breakthroughs that have enhanced manufacturing processes for 1,6 hexanediol. Introduction of advanced catalysts and innovative production methods has resulted in increased

productivity, reduced energy consumption, and improved cost efficiency. These developments have contributed to higher yields and more competitive pricing.

3. Expansion of Application Scope: The versatility of 1,6 hexanediol has led to its expanded application in various industries. The compound is used as a key ingredient in the production of coatings, adhesives, and plastics, among other end products. As industries such as automotive, construction, and electronics continue to evolve, the demand for high-performance polymers derived from 1,6 hexanediol has grown significantly.

4. Increased Research and Development Efforts: The 1,6 hexanediol market has witnessed increased investment in research and development activities. This has led to the discovery of new formulations, improved product performance, and the exploration of novel applications. Ongoing research aims to enhance the properties of 1,6 hexanediol and develop more efficient and sustainable production methods.

5. Market Expansion in Emerging Economies: The 1,6 hexanediol market has experienced notable growth in emerging economies, particularly in the Asia-Pacific region. Rapid industrialization and urbanization in countries like China and India have driven the demand for high-performance polymers and subsequently fueled the growth of the 1,6 hexanediol market in these regions.

These notable innovations in the 1,6 hexanediol market demonstrate the industry's commitment to sustainability, efficiency, and meeting evolving market demands. Continued advancements and research are expected to further enhance the performance and applications of 1,6 hexanediol in the future.

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Segments covered in the report:

Segments covered by Application Outlook, End-use Industry, Regional Outlook

By Application Outlook

- Polyurethane
- Coatings
- Adhesives
- Polyester Resins
- Others

By End-use Outlook

- Automotive
- Construction
- Packaging

- Textile
- Others

Regional Outlook

- North America (U.S.A., Canada, Mexico)
- Europe (Italy, U.K., Germany, France, Rest of Europe)
- Asia Pacific (China, India, Japan, South Korea, Australia, Rest of APAC)
- Latin America (Chile, Brazil, Argentina, Peru, Rest of Latin America)
- Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA)

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