

Global 1,6-Hexanediamine Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global 1,6-Hexanediamine market size was valued at USD 7178.7 million in 2023 and is forecast to a readjusted size of USD 10720 million by 2030 with a CAGR of 5.9% during review period.

1,6-Hexanediamine (Hexamethylenediamine) is a colorless, low-melting solid with an important industrial use. It and adipic acid are the starting materials for manufacturing nylon 6,6, a polyamide used widely in textiles and plastics. In addition to its use in the production of nylon 66 fibers and resins, HDMA is reacted with other dicarboxylic acids to make nylon 69, nylon 610, and nylon 612. In addition, HMDA can be used as a hardener for epoxy resins, in the production of hexamethylene diisocyanate for weather-resistant polyurethane, and of HDMA carbamate as an accelerator in fluorinated and polyacrylate elastomer vulcanization.

Global 1,6-Hexanediamine includes Ascend, BASF, etc. Global top three companies hold a share over 67%. Americas is the largest market, with a share about 50%, followed by Europe with the share about 35%.

The Global Info Research report includes an overview of the development of the 1,6-Hexanediamine industry chain, the market status of Nylon Resin (High Pressure Catalytic Hydrogenation, Low Pressure Catalytic Hydrogenation), Polyurethane Resin and Epoxy Resin (High Pressure Catalytic Hydrogenation, Low Pressure Catalytic Hydrogenation), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of 1,6-Hexanediamine.

Regionally, the report analyzes the 1,6-Hexanediamine markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global 1,6-Hexanediamine market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the 1,6-Hexanediamine market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the 1,6-Hexanediamine industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Tons), revenue generated, and market share of different by Production Method (e.g., High Pressure Catalytic Hydrogenation, Low Pressure Catalytic Hydrogenation).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the 1,6-Hexanediamine market.

Regional Analysis: The report involves examining the 1,6-Hexanediamine market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the 1,6-Hexanediamine market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to 1,6-Hexanediamine:

Company Analysis: Report covers individual 1,6-Hexanediamine manufacturers, suppliers, and other relevant industry players. This analysis includes studying their

financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards 1,6-Hexanediamine. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Nylon Resin, Polyurethane Resin and Epoxy Resin).

Technology Analysis: Report covers specific technologies relevant to 1,6-Hexanediamine. It assesses the current state, advancements, and potential future developments in 1,6-Hexanediamine areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the 1,6-Hexanediamine market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

1,6-Hexanediamine market is split by Production Method and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Production Method, and by Application in terms of volume and value.

Market segment by Production Method

High Pressure Catalytic Hydrogenation

Low Pressure Catalytic Hydrogenation

Market segment by Application

Nylon Resin

Polyurethane Resin and Epoxy Resin

Other

Major players covered

Ascend

BASF

INVISTA

China Shenma Group

RadiciGroup

Toray

Anshan Guorui Chemical

Domo Chemicals

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 1,6-Hexanediamine product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 1,6-Hexanediamine, with price, sales, revenue and global market share of 1,6-Hexanediamine from 2019 to 2024.

Chapter 3, the 1,6-Hexanediamine competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 1,6-Hexanediamine breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Production Method and application, with sales market share and growth rate by production method, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and 1,6-Hexanediamine market forecast, by regions, production method and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 1,6-Hexanediamine.

Chapter 14 and 15, to describe 1,6-Hexanediamine sales channel, distributors, customers, research findings and conclusion.

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