

Global Adiponitrile Market Size Study, by Application (Nylon Synthesis, HDI), by End-Use (Automobile, Chemical Intermediate), and Regional Forecasts 2022-2032

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Abstracts

The Global Adiponitrile Market, valued at approximately USD 10.48 billion in 2023, is projected to expand significantly at a CAGR of 8.20% during the forecast period from 2024 to 2032. Adiponitrile, a critical precursor in the production of nylon 6,6, serves as a vital component in the manufacture of durable and high-strength materials. Its applications span across sectors, including automotive and electronics, owing to its versatility and superior chemical properties. Furthermore, its integral role in producing hexamethylene diisocyanate (HDI), an essential chemical intermediate in coatings and adhesives, underscores its market prominence.

With the automotive industry prioritizing lightweight and high-performance materials, the demand for nylon 6,6 has surged, driving the need for adiponitrile. Simultaneously, the coatings sector's adoption of HDI for eco-friendly and long-lasting finishes is further fueling market growth. However, challenges such as volatile raw material prices and environmental regulations related to the production of adiponitrile pose potential growth restraints. Innovations in production technologies and the shift toward sustainable practices are expected to alleviate these challenges.

Regionally, North America leads the adiponitrile market, supported by robust automotive manufacturing and chemical industries. The Asia-Pacific region is anticipated to register the fastest growth due to increasing industrialization, especially in countries like China and India, coupled with rising demand for advanced materials. Europe also holds a significant share, driven by its focus on innovation and sustainability in industrial applications.

Major market players included in this report are:

Ascend Performance Materials

Invista

BASF SE

Solvay S.A.

Asahi Kasei Corporation

LG Chem

Mitsubishi Chemical Corporation

Evonik Industries AG

Huntsman Corporation

Toray Industries, Inc.

DSM Engineering Plastics

Lanxess AG

Dow Inc.

SABIC

Nippon Shokubai Co., Ltd.

The detailed segments and sub-segments of the market are explained below:

By Application:

Nylon Synthesis

HDI

By End-Use:

Automobile

Chemical Intermediate

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Italy

Spain

Rest of Europe

Asia Pacific

China

India

Japan

South Korea

Australia

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

UAE

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024-2032

Key Takeaways:

Market estimates and forecasts for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscape with country-level insights.

Comprehensive competitive landscape with key players' profiles.

Strategic recommendations for future market approaches and trends.

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