

Global 1,5-Pentanediamine Market Growth 2023-2029

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Abstracts

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1,5-Diaminopentane, the structural formula is $\text{NH}_2(\text{CH}_2)_5\text{NH}_2$. Lysine is formed by decarboxylation under the action of decarboxylase when the protein is spoiled. Putrescine, the decarboxylation product of arginine and ornithine, is the component in the odor of corpse decay. Cadaverine $\text{H}_2\text{N}(\text{CH}_2)_5\text{NH}_2$ is also known as pentamethylene diamine. Produced by decarboxylation of lysine. It is a normal component widely found in living organisms, but also exists in putrefaction as a botulinum toxin.

LPI (LP Information)' newest research report, the "1,5-Pentanediamine Industry Forecast" looks at past sales and reviews total world 1,5-Pentanediamine sales in 2022, providing a comprehensive analysis by region and market sector of projected 1,5-Pentanediamine sales for 2023 through 2029. With 1,5-Pentanediamine sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 1,5-Pentanediamine industry.

This Insight Report provides a comprehensive analysis of the global 1,5-Pentanediamine landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on 1,5-Pentanediamine portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global 1,5-Pentanediamine market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 1,5-Pentanediamine and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of

opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global 1,5-Pentanediamine.

The global 1,5-Pentanediamine market size is projected to grow from US\$ 24 million in 2022 to US\$ 31 million in 2029; it is expected to grow at a CAGR of 31 from 2023 to 2029.

Cathay Biology is the largest manufacturers of 1,5-pentanediamine (cadaverine) in the world, has a share about 90%. Other players include Ning Xia Eppen Biotech, etc. China is the largest market of 1,5-pentanediamine (cadaverine), with a share a over 95%. And in terms of application, the largest application is bio-based polyamide, followed by chemical intermediates.

This report presents a comprehensive overview, market shares, and growth opportunities of 1,5-Pentanediamine market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Purity? 98%

Purity ?99%

Segmentation by application

Intermediate of Organic Synthesis

Epoxy Curing Agent

Polymer Preparation

Biological Research

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

TCI

AK Scientific

3B Scientific Corporation

Cathay Biotech

Ningxia Eppens Bioengineering

Key Questions Addressed in this Report

What is the 10-year outlook for the global 1,5-Pentanediamine market?

What factors are driving 1,5-Pentanediamine market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do 1,5-Pentanediamine market opportunities vary by end market size?

How does 1,5-Pentanediamine break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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