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Global n-Pentyl Chloroformate Market Growth 2026-2032

https://marketpublishers.com/r/G6C156A00987EN.html
Date: October 2026
Pages: 93
Price: US$ 3,660.00 (Single User License)
ID: G6C156A00987EN

Abstracts

The global n-Pentyl Chloroformate market size is predicted to grow from US$ 42.85 million in 2025 to US$ 57.83 million in 2032; it is expected to grow at a CAGR of 4.5% from 2026 to 2032.

In 2024, global production of n-Pentyl Chloroformate was approximately 2,000 tons, with an average selling price of about US$21/kg. Single-line capacity was approximately 300 tons/year, with an average gross profit margin of about 25%. n-Pentyl Chloroformate is a colorless liquid and an important raw material and acylation reagent in organic synthesis. It is commonly used in the synthesis of alcohols, amines, pharmaceuticals, pesticides, and dyes, and is an important reagent for the modification and synthesis of various bioactive molecules.

Upstream raw materials mainly include n-pentanol as an alcohol source, and phosgene or its substitutes as a key acyl chloride source. Downstream applications are concentrated in the high-value-added fine chemical industry. It is widely used as an important acylation agent and carbonylation reagent in organic synthesis, especially in the pharmaceutical field for synthesizing intermediates for antibiotics, and in the pesticide field for preparing highly effective herbicides and insecticides.

United States market for n-Pentyl Chloroformate is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for n-Pentyl Chloroformate is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for n-Pentyl Chloroformate is estimated to increase from US$ million in

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2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key n-Pentyl Chloroformate players cover BASF, Xinyi Yongcheng Chemical Industrial, Shandong Yinglang Chemical, Jiangyin Phosgene Chemicals, Qingdao Xiruit New Material Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the “n-Pentyl Chloroformate Industry Forecast” looks at past sales and reviews total world n-Pentyl Chloroformate sales in 2025, providing a comprehensive analysis by region and market sector of projected n-Pentyl Chloroformate sales for 2026 through 2032. With n-Pentyl Chloroformate sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world n-Pentyl Chloroformate industry.

This Insight Report provides a comprehensive analysis of the global n-Pentyl Chloroformate 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 n-Pentyl Chloroformate portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global n-Pentyl Chloroformate market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for n-Pentyl Chloroformate 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 n-Pentyl Chloroformate.

This report presents a comprehensive overview, market shares, and growth opportunities of n-Pentyl Chloroformate market by product type, application, key manufacturers and key regions and countries.

Market Segmentation

Segmentation by Type:

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Industrial Grade

Reagent Grade

Other

Segmentation by Purity:

Purity?98%

Purity?99%

Other

Segmentation by Application:

Pharmaceutical Intermediates

Agrochemical Intermediate

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

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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

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from primary experts and analysing the company's coverage, product portfolio, its market penetration.

BASF

Xinyi Yongcheng Chemical Industrial

Shandong Yinglang Chemical

Jiangyin Phosgene Chemicals

Qingdao Xiruit New Material Technology

SUZHOU SENFEIDA CHEMICAL

Key Questions Addressed in this Report

What is the 10-year outlook for the global n-Pentyl Chloroformate market?

What factors are driving n-Pentyl Chloroformate market growth, globally and by region?

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

How do n-Pentyl Chloroformate market opportunities vary by end market size?

How does n-Pentyl Chloroformate break out by Type, by Application?

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