

N-Pentane Market Size, Share and Growth Analysis Report - Forecast Trends and Outlook (2025-2034)

Market Report | 2025-08-12 | 168 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global n-pentane market is being aided by the overall pentane market, which attained a value of USD 123.26 Million in 2024. The pentane market is further expected to grow at a CAGR of 3.10% in the forecast period of 2025-2034 to reach a value of around USD 167.27 Million by 2034.

The Asia Pacific to be a Significant Market for N-Pentane

The global n-pentane industry is significantly aided by the market growth in the Asia Pacific region. The Asia Pacific market is mainly driven by the economic dynamics of countries such as China and India, but with increasing foreign direct investment into the South East Asia, the current scenario is shifting. China has been one of the leading producers and consumers of the product globally. Apart from natural heavy crude, pentane plus is also used as an additive for other oil mixtures for smooth and fast transport of pipelines. Emerging economies, including India, China, Vietnam, Taiwan, and South Korea, are expected to experience a high demand for gasoline during the forecast period, which is likely to boost the industry for n-pentane. Europe is also a major global consumer of n-pentane.

N-Pentane: Market Segmentation

N-pentane is a normal aliphatic hydrocarbon solvent with a molecular formula of C_5H_{12} . It is a straight-chain of five carbons and twelve hydrogen atoms. N-pentane is a part of crude oil and a compound that is condensed by the processing of natural gas. It is sometimes referred to as amyl hydride and pentane.

The product finds wide applications in the following:

- Bowing Agent

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Electronic Cleaning
- Chemical Solvent
- Aerosol Propellant
- Polymerisation
- Others

Market breakup by region:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Rising Demand for Chemical Intermediates in the Electronic Industry to Bolster the Market Growth of n-Pentane

The global demand for chemical intermediates is likely to increase in the future due to their penetration into the electronics and chemical industries, which is expected to support the growth of the n-pentane industry. In addition, it is expected that n-pentane will see a significant growth rate within the polymer industry. The demand for polymers is estimated to rise due to an increase in the development of polymer-based compounds, including polyester polyol, polyethylene, polystyrene, etc., which is expected to eventually drive the demand for n-pentane. The demand for the product is also rising due to its favourable chemical and physical properties. The chemical properties of n-pentane include better volatility, relatively higher purity, low odour, rapid evaporation, and narrow boiling range, among others. In terms of physical properties, n-pentane is a colourless liquid with a sweet gasoline odour. It is a liquid that is water-insoluble. All these factors are together propelling the growth of the market.

Key Industry Players in the Global N-Pentane Market

The report gives a detailed analysis of the following key players in the global n-pentane market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- Royal Dutch Shell Plc
- Datta Hydro-chem (P) Limited
- Liaoning Yufeng Chemical Co., Ltd.
- Jun Yuan Petroleum Group
- Pure Chem Co., Ltd
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

More Insights On

India N-Pentane Market

Table of Contents:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global n-Pentane Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global n-Pentane Historical Market (2018-2024)
 - 5.3 Global n-Pentane Market Forecast (2025-2034)
 - 5.4 Global n-Pentane Market by Application
 - 5.4.1 Bowing Agent
 - 5.4.1.1 Historical Trend (2018-2024)
 - 5.4.1.2 Forecast Trend (2025-2034)
 - 5.4.2 Electronic Cleaning
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
 - 5.4.3 Chemical Solvent
 - 5.4.3.1 Historical Trend (2018-2024)
 - 5.4.3.2 Forecast Trend (2025-2034)
 - 5.4.4 Aerosol Propellant
 - 5.4.4.1 Historical Trend (2018-2024)
 - 5.4.4.2 Forecast Trend (2025-2034)
 - 5.4.5 Polymerisation
 - 5.4.5.1 Historical Trend (2018-2024)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.4.5.2 Forecast Trend (2025-2034)
- 5.4.6 Others
- 5.5 Global n-Pentane Market by Region
 - 5.5.1 North America
 - 5.5.2 Europe
 - 5.5.3 Asia Pacific
 - 5.5.4 Latin America
 - 5.5.5 Middle East and Africa
- 6 Regional Analysis
 - 6.1 North America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.1.3 Breakup by Country
 - 6.1.3.1 United States of America
 - 6.1.3.2 Canada
 - 6.2 Europe
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
 - 6.2.3 Breakup by Country
 - 6.2.3.1 United Kingdom
 - 6.2.3.2 Germany
 - 6.2.3.3 France
 - 6.2.3.4 Italy
 - 6.2.3.5 Others
 - 6.3 Asia Pacific
 - 6.3.1 Historical Trend (2018-2024)
 - 6.3.2 Forecast Trend (2025-2034)
 - 6.3.3 Breakup by Country
 - 6.3.3.1 China
 - 6.3.3.2 Japan
 - 6.3.3.3 India
 - 6.3.3.4 ASEAN
 - 6.3.3.5 Australia
 - 6.3.3.6 Others
 - 6.4 Latin America
 - 6.4.1 Historical Trend (2018-2024)
 - 6.4.2 Forecast Trend (2025-2034)
 - 6.4.3 Breakup by Country
 - 6.4.3.1 Brazil
 - 6.4.3.2 Argentina
 - 6.4.3.3 Mexico
 - 6.4.3.4 Others
 - 6.5 Middle East and Africa
 - 6.5.1 Historical Trend (2018-2024)
 - 6.5.2 Forecast Trend (2025-2034)
 - 6.5.3 Breakup by Country
 - 6.5.3.1 Saudi Arabia

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.5.3.2 United Arab Emirates
- 6.5.3.3 Nigeria
- 6.5.3.4 South Africa
- 6.5.3.5 Others
- 7 Market Dynamics
- 7.1 SWOT Analysis
 - 7.1.1 Strengths
 - 7.1.2 Weaknesses
 - 7.1.3 Opportunities
 - 7.1.4 Threats
- 7.2 Porter's Five Forces Analysis
 - 7.2.1 Supplier's Power
 - 7.2.2 Buyer's Power
 - 7.2.3 Threat of New Entrants
 - 7.2.4 Degree of Rivalry
 - 7.2.5 Threat of Substitutes
- 7.3 Key Indicators for Demand
- 7.4 Key Indicators for Price
- 8 Value Chain Analysis
- 9 Price Analysis
 - 9.1 North America Historical Price Trends (2018-2024) and Forecast (2025-2034)
 - 9.2 Europe Historical Price Trends (2018-2024) and Forecast (2025-2034)
 - 9.3 Asia Pacific Historical Price Trends (2018-2024) and Forecast (2025-2034)
 - 9.4 Latin America Historical Price Trends (2018-2024) and Forecast (2025-2034)
 - 9.5 Middle East and Africa Historical Price Trends (2018-2024) and Forecast (2025-2034)
- 10 Competitive Landscape
 - 10.1 Supplier Selection
 - 10.2 Key Global Players
 - 10.3 Key Regional Players
 - 10.4 Key Player Strategies
 - 10.5 Company Profiles
 - 10.5.1 Royal Dutch Shell Plc
 - 10.5.1.1 Company Overview
 - 10.5.1.2 Product Portfolio
 - 10.5.1.3 Demographic Reach and Achievements
 - 10.5.1.4 Certifications
 - 10.5.2 Datta Hydro-chem (P) Limited
 - 10.5.2.1 Company Overview
 - 10.5.2.2 Product Portfolio
 - 10.5.2.3 Demographic Reach and Achievements
 - 10.5.2.4 Certifications
 - 10.5.3 Liaoning Yufeng Chemical Co., Ltd.
 - 10.5.3.1 Company Overview
 - 10.5.3.2 Product Portfolio
 - 10.5.3.3 Demographic Reach and Achievements
 - 10.5.3.4 Certifications
 - 10.5.4 Jun Yuan Petroleum Group

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.5.4.1 Company Overview
- 10.5.4.2 Product Portfolio
- 10.5.4.3 Demographic Reach and Achievements
- 10.5.4.4 Certifications
- 10.5.5 Pure Chem Co., Ltd
- 10.5.5.1 Company Overview
- 10.5.5.2 Product Portfolio
- 10.5.5.3 Demographic Reach and Achievements
- 10.5.5.4 Certifications
- 10.5.6 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

N-Pentane Market Size, Share and Growth Analysis Report - Forecast Trends and Outlook (2025-2034)

Market Report | 2025-08-12 | 168 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-06"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com