

Global n-Hexane Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, 2015-2032

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Abstracts

The global n-Hexane demand stood at approximately 1300 thousand tonnes in 2022 and is expected to grow at a CAGR of 3.24% during the forecast period until 2032.

n-hexane is a volatile aliphatic hydrocarbon that can be synthesized using both natural gas and crude oil using the fractional distillation process. By using specific catalysts, it can also be produced from sugar cane waste. For a variety of seed crops, including soybeans, cottonseed, rape seed, mustard seed, peanuts, flax (linseed), safflower seed, and corn germ, n-hexane is primarily utilized as an edible-oil extractant. These seed crops are further processed into foods for humans and animals. Other significant applications for n-Hexane as a special-purpose solvent and cleaning agent (degreaser) include the production of textiles, footwear, leather, and furniture. n-hexane may be present in a variety of glues, adhesives, and leather-dressing preparations, particularly those used in the manufacturing of shoes. In addition, the pharmaceutical sector is one of the biggest consumers of n-hexane due to its use in numerous syntheses and separations, as well as the shape of pills and tablets.

During the course of the projection period, n-high Hexane's demand from the food industry is anticipated to fuel market expansion. Because it provides excellent yield from a variety of seeds, n-hexane is frequently employed as an extraction agent for edible oils. This is anticipated to result in significant demand from the food industry for n-Hexane. Furthermore, the application of n-Hexane for manufacturing adhesives and sealants which have applications in various industries also contributes to the n-Hexane market expansion. The size of the global n-Hexane market in terms of volume is

estimated to reach nearly 1800 thousand tonnes by 2032.

Based on region, Asia Pacific is dominating the global n-Hexane market, followed by Europe. In 2022, Asia Pacific held a market share of more than 50% of the global n-Hexane. Accelerating demand for refined oil for cooking purposes in developing countries like India and China is majorly contributing to the n-Hexane market. In terms of production, the Asia Pacific region is again dominating the global n-Hexane market.

Based on the end-user industry, the global n-Hexane market is segmented into Edible Oil Extractant, Adhesives & Sealants, Paints & Coatings, Industrial Solvent, and Others. Among these, the Edible Oil Extractant sector is in the lead and held approximately 45% of the market share in 2022. Additionally, the Adhesives & Sealants sector is also a prominent consumer of the n-Hexane market.

Major players in the production of Global n-Hexane are KazmunayGas International, ExxonMobil Chemical, Indian Oil Corporation Limited, Chennai Petroleum Corporation Limited, Jun Yuan Petroleum Group, Bharat Petroleum Corporation Limited, and Others.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

Objective of the Study:

To assess the demand-supply scenario of n-Hexane which covers production, demand and supply of n-Hexane market in the globe.

To analyse and forecast the market size of n-Hexane

To classify and forecast Global n-Hexane market based on end-

use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of n-Hexane market in the globe.

To extract data for Global n-Hexane market, primary research surveys were conducted with n-Hexane manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for Global n-Hexane market over the coming years.

ChemAnalyst calculated n-Hexane demand in the globe by analyzing the historical data and demand forecast which was carried out considering the production of raw material to produce n-Hexane. ChemAnalyst sourced these values from industry experts and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

n-Hexane manufacturers and other stakeholders

Organizations, forums and alliances related to n-Hexane distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as n-Hexane manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years (next two to five years), thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global n-Hexane market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Edible Oil Extractant, Adhesives & Sealants, Paints & Coatings, Industrial Solvent, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for n-Hexane.

2. CAPACITY BY LOCATION

To better understand the regional supply of n-Hexane by analyzing its manufacturers' location-based capacity.

3. PLANT OPERATING EFFICIENCY

To determine what percentage manufacturers are operating their plants or how much capacity is being currently used.

4. PRODUCTION BY COMPANY

Study the historical annual production of n-Hexane by the leading players and forecast how it will grow in the coming years.

5. DEMAND BY END- USE

Discover which end-user industry (Edible Oil Extractant, Adhesives & Sealants, Paints & Coatings, Industrial Solvent, and Others) are creating a market and the forecast for the growth of the n-Hexane market.

6. DEMAND BY REGION

Analyzing the change in demand of n-Hexane in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

7. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell n-Hexane. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

8. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or deficiency of n-Hexane.

9. COMPANY SHARE

Figure out what proportion of the market share of n-Hexane is currently held by leading players across the globe.

10. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

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Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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