

# **Global 1-Hexene Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Foreign Trade, Company Share, 2015-2035**

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## **Abstracts**

The global 1-Hexene market stood around 1800 thousand tonnes in 2021 and is expected to grow at an impressive CAGR of 6.20% during the forecast period until 2035. This Tahrir Petrochemical Complex will be built in Egypt's Suez Canal Economic Zone and its foundation stone has been laid by the Prime minister of Egypt. The Tahrir Petrochemical Complex, which is being constructed on a 3.56 million square metre site will hold an annual capacity of 4,000,000 tonnes naphtha cracking will be fully operational in the first half of 2024.

1-hexene is an alpha-olefin and synthesized by oligomerization of ethylene along with a catalyst. In the oligomerization process, vanadium catalysts are employed and the involved the combination of ethylene molecules to develop into the alpha-olefin known as 1-hexene. 1-hexene is a colorless liquid with various applications in the chemical industry such as synthesizing polyethylene, polymers, elastomers. dyes, perfumes, flavors and much more.

The primary market driving factor for the growth of 1-Hexene market is for synthesizing chemicals such as polyethylene, specifically the Low-Density Polyethylene (LDPE), which is a flexible, shapeable, and lightweight plastic. LDPE is used in industries for its toughness, barrier properties, and corrosion resistance making it a perfect material for manufacturing plastic bags, foil wraps, toys, trays, food packaging, wash bottles, certain computer parts and much more. Besides, the growing demand of 1-hexene to manufacture other organic compounds will result in the further expansion of the 1-hexene market.

Based on region, North America is the leading consumer across all the regions around the globe. The 1-Hexene demand by North America consumed approximately 34% of the global 1-hexene. The reasons lying behind the growing demand for Polyethylene are for manufacturing food packaging, plastic cutlery, and others. Besides, Asia Pacific stands as a strong consumer of 1-hexene and is anticipated to expand further by the forecast period.

Based on the end-user industry, the global 1-Hexene market is segmented into Polyethylene, Elastomers, and others. The polyethylene industry is the dominating end-use industry holding a market share of approximately 94% of the global 1-Hexene market. It is anticipated that this sector will grow by a CAGR of 6.7% in the forecast period. Owing up to the properties of Polyethylene, such as its ability to withstand physical pressure, durability & and flexibility, facilitate its usage in the simple molding of items. Polyethylene is rapidly being used in toys, sports equipment, and clothing for the fashion industry. Additionally, Polyethylene finds its application in the agricultural sector for making sprinklers, microtubes, valves, and emitting tubes in irrigation fields which further fuels the demand for global 1-Hexene.

Major players in the production of Global 1-Hexene market are SASOL, Jubail United Petrochemical Company (JUPEC), Badlands NGLs LLC, INEOS, National petrochem company, CPCC Jubail, Qatar Chemical Company (Q-Chem), and Abu Dhabi National Oil Company.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2035

Objective of the Study:

To assess the demand-supply scenario of 1-Hexene which covers production, demand and

supply of 1-Hexene market in the globe.

To analyse and forecast the market size of 1-Hexene

To classify and forecast Global 1-Hexene market based on end-use and regional distribution.

To examine competitive developments such as expansions, mergers & acquisitions, etc., of 1-Hexene market in the globe.

To extract data for Global 1-Hexene market, primary research surveys were conducted with 1-Hexene 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 1-Hexene market over the coming years.

ChemAnalyst calculated 1-Hexene demand in the globe by analyzing the historical data and demand forecast which was carried out considering the historical extraction and supply and demand of 1-Hexene across the globe. 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:

1-Hexene manufacturers and other stakeholders

Organizations, forums and alliances related to 1-Hexene 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 1-Hexene 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 1-Hexene market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Polyethylene, Elastomers, 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 1-Hexene.

### **2. CAPACITY BY LOCATION**

To better understand the regional supply of 1-Hexene by analyzing its manufacturers' location-based capacity.

### **3. PRODUCTION BY COMPANY**

Study the historical annual production of 1-Hexene by the leading players and forecast how it will grow in the coming years.

### **4. DEMAND BY END- USE**

Discover which end-user industry (Polyethylene, Elastomers, and others) are creating a market and the forecast for the growth of the 1-Hexene market.

### **5. DEMAND BY REGION**

Analyzing the change in demand of 1-Hexene 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.

### **6. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)**

Multiple channels are used to sell 1-Hexene. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

### **7. DEMAND-SUPPLY GAP**

Determine the supply-demand gap to gain information about the trade surplus or deficiency of 1-Hexene.

### **8. COMPANY SHARE**

Figure out what proportion of the market share of 1-Hexene is currently held by leading players across the globe.

## **9. COUNTRY-WISE EXPORT**

Get details about quantity of 1-Hexene exported by major countries.

## **10. COUNTRY-WISE IMPORT**

Get details about quantity of 1-Hexene imported by major countries

## **11. PRICING ANALYSIS & FORECAST**

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

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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