

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

<https://marketpublishers.com/r/G00293189449EN.html>

Date: October 2023

Pages: 0

Price: US\$ 6,000.00 (Single User License)

ID: G00293189449EN

## **Abstracts**

The global Butadiene market has reached approximately 11.5 million tonnes in 2021 and is expected to grow at a CAGR of 4.75% during the forecast period until 2035. A contract for the construction of Egypt's Tahrir Petrochemical Complex for US \$7.5 billion has been finalized. The Red Sea National Refining and Petrochemicals Company and General Authority signed this contract for Suez Canal Economic Zone. The project will be constructed on 3.56 million square meters of land in the industrial district of Ain Sokhna, close to the Gulf of Suez, Egypt. This plant is expected to have a capacity of producing multiple chemicals including 250,000 tonnes of Butadiene annually.

Butadiene or 1,3-butadiene is a colorless gas that smells like gasoline. It can be produced by dehydrogenation of butanes or by cracking of petroleum derivatives like its distillates at high temperature. In presence of a catalyst, Butadiene turns into a stretchy elastic which displays properties like rubber. Butadiene is primarily used for the synthesis of rubbers and plastics that includes Styrene Butadiene Rubber, Poly Butadiene Rubber and Acrylonitrile Butadiene Styrene. It shows excellent properties such as elasticity and insulation to heat and electricity. Butadiene has various industrial applications such as rubber insulators, inner tubes, golf balls, industrial components, conveyor belts, automobile tires, shoes soles, and others.

The primary driver of Butadiene global market is for the synthesis of rubbers and plastics which are further utilized for the manufacture of general use commodities. In 2021, approximately 55% of global Butadiene was utilized by the Styrene Butadiene Rubber (SBR) Industry. Since butadiene is a key raw material used to make synthetic

rubber, demand for tires, footwear, and consumer goods is driving up butadiene production and consumption. SBR is used for a variety of industrial purposes, including as wire insulation and cabling, belting, hoses, gaskets, and seals that are resistant to abrasion and metal bonding. Commercial applications for SBR polymer include everything from shoe soles, carpet backing, and molded products. Furthermore, Butadiene can be added to other plastics to improve their elasticity. The global Butadiene market is expected to reach 21 million tonnes by the forecast period.

Based on demand, the Asia Pacific is dominating the Butadiene market with a demand of approximately 6.2 million thousand tonnes in 2021. The main driving factor is Styrene Butadiene Rubber (SBR), which is made from butadiene and blended with rubber to make tires. The demand of personal use vehicles and commercial vehicles is anticipated to drive the Butadiene market in the forecast period. Furthermore, Asia Pacific is leading as the producer in the Asia Pacific region. Based on production, approximately 27% of the global Butadiene took place in Asia Pacific region in 2021.

Based on the end-user industry, the global Butadiene market is segmented into different industrial sectors that include Styrene Butadiene Rubber, Poly Butadiene Rubber, Acrylonitrile Butadiene Styrene, and others. The Styrene Butadiene Rubber industry is the dominating the Butadiene. Poly Butadiene Rubber and Acrylonitrile Butadiene Styrene are also contributing to the growing demand of Butadiene in the forecast period.

Major players in the production of Global Butadiene are TPC Group, Petrochina, Haldia Petrochemicals Limited, Lyondell Basell, Formosa Plastics Corporation, Shell Chemicals, Braskem1, Sabina Petrochemical, Ineos, Evonik Industries AG, ExxonMobil Corporation, Dow Chemical, Versalis.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2035

Objective of the Study:

*Global Butadiene Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User...*

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

To analyse and forecast the market size of Butadiene

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

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

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

ChemAnalyst calculated Butadiene 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 Butadiene 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:

Butadiene manufacturers and other stakeholders

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

Market, by End-Use: Styrene Butadiene Rubber, Poly Butadiene Rubber, Acrylonitrile Butadiene Styrene, 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 Butadiene.

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

To better understand the regional supply of Butadiene by analysing its manufacturers' location-based capacity.

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

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

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

Discover which end-user industry Styrene Butadiene Rubber, Poly Butadiene Rubber, Acrylonitrile Butadiene Styrene, and others are creating a market and the forecast for the growth of the Butadiene market.

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

Analysing the change in demand of Butadiene 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 Butadiene. Our sales channel will help in analysing 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 Butadiene.

## **8. COMPANY SHARE**

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

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

Get details about quantity of Butadiene exported by major countries.

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

Get details about quantity of Butadiene 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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