

Butadiene

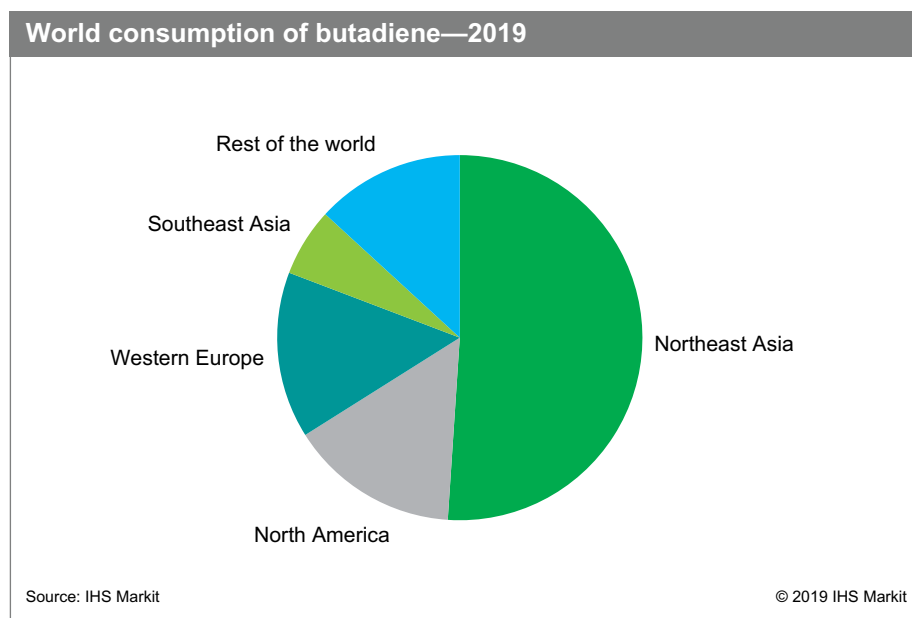
6 December 2019

Abstract

The single largest use for butadiene is in the production of synthetic elastomers including SBR and polybutadiene rubber, both of which are consumed in the manufacture of tires. Other elastomer applications include nitrile rubber hoses, mechanical belts, carpet backing, footwear, and neoprene products. Butadiene is also copolymerized into plastics, the largest-volume being ABS resins, which are used in various applications.

Because of the global nature of butadiene production and its diverse applications, it is impacted by various dynamics including changes in the production of ethylene, fluctuations in energy markets, and general economic cycles.

The following pie chart shows world consumption of butadiene:



In regions where downstream markets are still developing, such as Asia, demand growth will be robust. Continued economic and demand growth in China will secure the country's position as the world's largest producer and consumer of butadiene. In the more mature markets of North America, Western Europe, and Japan, growth will be much slower or even declining over the forecast period. With the rapid development in China, Asia has emerged as the world's most active butadiene market, with new capacity being built close to naphtha-fed steam crackers and downstream derivatives production expanding rapidly. Given the current economic conditions, however, companies will continue to exercise caution in planning and executing new capacity buildup, particularly with instability in both naphtha and butadiene pricing.

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For more detailed information, see the table of contents, shown below.

IHS Markit's Chemical Economics Handbook – Butadiene is the comprehensive and trusted guide for anyone seeking information on this industry. This latest report details global and regional information, including



Global summary;
regional coverage



Producers with
annual capacities
and plant sites



Production figures
and trends



Consumption and
forecasts by end use
application



Manufacturing
processes and
environmental issues



Trade – imports
and exports

Key benefits

IHS Markit's Chemical Economics Handbook – Butadiene has been compiled using primary interviews with key suppliers and organizations, and leading representatives from the industry in combination with IHS Markit's unparalleled access to upstream and downstream market intelligence and expert insights into industry dynamics, trade, and economics.

This report can help you

- Identify trends and driving forces influencing chemical markets
- Forecast and plan for future demand
- Understand the impact of competing materials
- Identify and evaluate potential customers and competitors
- Evaluate producers
- Track changing prices and trade movements
- Analyze the impact of feedstocks, regulations, and other factors on chemical profitability

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