

# Cyclohexane

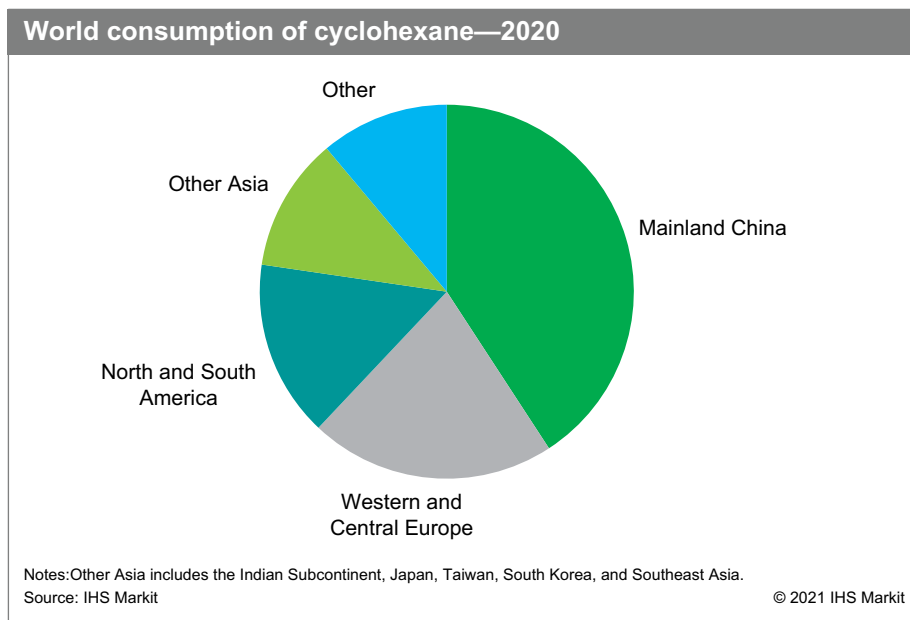
June 2021

## Abstract

Nearly all cyclohexane is used to make cyclohexanol and cyclohexanone, which, in turn, are used mainly as precursors for the production of adipic acid and caprolactam, respectively. Other uses for cyclohexane include various solvent applications and the production of cyclohexanol and cyclohexanone for solvent use. As a result of cyclohexane's intrinsic link to the polyamide (nylon) chain and its use in automobiles, construction, and textiles, global cyclohexane demand remains strongly influenced by macroeconomic conditions. Cyclohexane is consumed largely for nylon 6 fibers, resins, and film.

Over the past five years, most regions experienced flat or declining demand for cyclohexane, but mainland China has been the epicenter for demand growth. Mainland China's capacity has increased significantly in recent years, propelled primarily by growth in caprolactam demand for nylon 6. The global market for cyclohexane is oversupplied at present, and this is expected to continue through the forecast period with further capacity additions in mainland China.

The following pie chart shows world consumption of cyclohexane:



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

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**IHS Markit's Chemical Economics Handbook – Cyclohexane** 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

**IHS Markit's Chemical Economics Handbook – Cyclohexane** 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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