

Paraffins, Normal (C₉-C₁₇)

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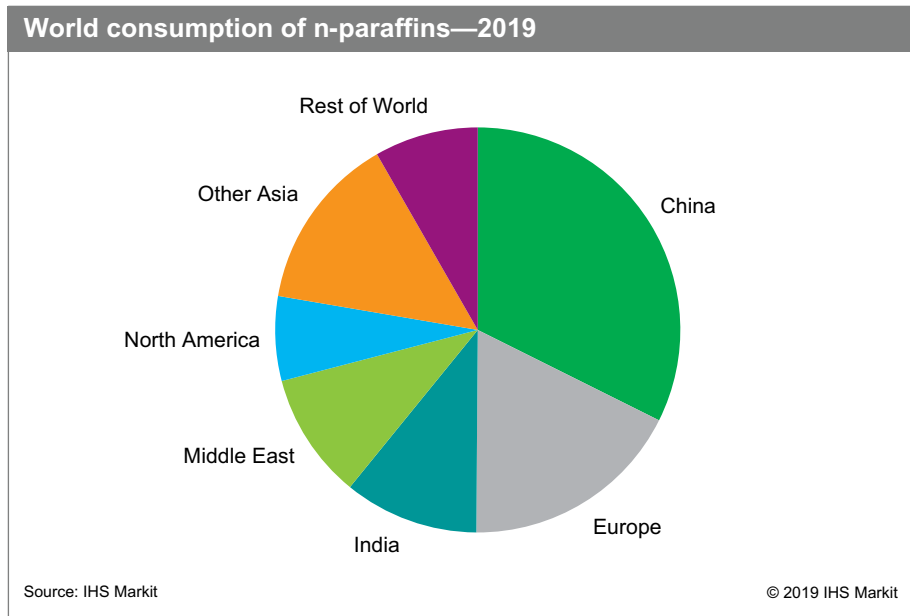
Abstract

Global consumption of normal paraffins will continue to grow at an average annual growth rate of 1.9% per annum during 2019–24. Higher-than-average growth rates will be observed in regions such as China, the Middle East, and India where new capacity is expected to be brought onstream in the forecast period.

Normal paraffins (n-paraffins) are linear, aliphatic hydrocarbons of C₉-C₁₇ chain lengths that are separated from kerosene using molecular sieves, or prepared from gas-to-liquid (GTL) or coal-to-liquid (CTL) processes. Expansion of CTL production capacity in China has been significant since the last report was published, and further expansions are expected during the forecast period.

n-Paraffins are used to manufacture linear alkylbenzene, most of which is used as a precursor for the production of linear alkylbenzene sulfonate, a well-established workhorse surfactant that continues to show growth in developing regions. Other major applications include the production of chlorinated paraffins, use as solvents and metal working fluids, detergent alcohols, and an array of industrial uses.

The following chart shows world consumption of normal paraffins:



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

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IHS Markit's Chemical Economics Handbook – Paraffins, Normal 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 – Paraffins, Normal 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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