

Alkyl Acetates (C₁-C₄)

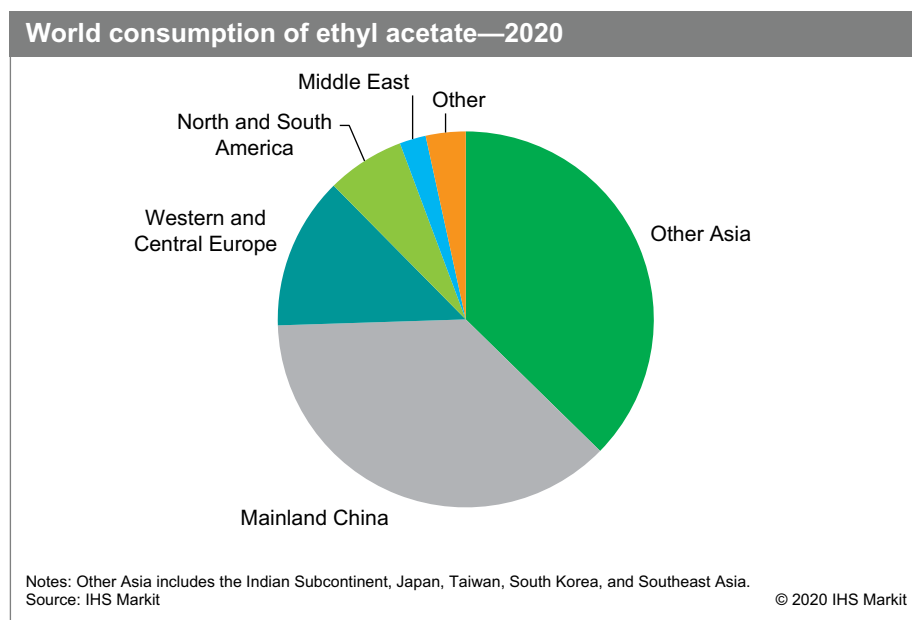
30 September 2020

Abstract

The C₁-C₄ alkyl acetates discussed in this report include methyl acetate, ethyl acetate, n-propyl acetate, isopropyl acetate, n-butyl acetate, isobutyl acetate, and sec-butyl acetate. Ethyl and n-butyl acetates are the major markets for C₁-C₄ alkyl acetates, accounting for more than 80% of the total world consumption for C₁-C₄ alkyl acetates in 2020.

Growth in demand for C₁-C₄ alkyl acetates varies by acetate and region. Surface coatings and printing inks account for most of the global C₁-C₄ alkyl acetates consumption; the exception is methyl acetate, which is used almost exclusively as a chemical intermediate in the manufacture of acetic anhydride.

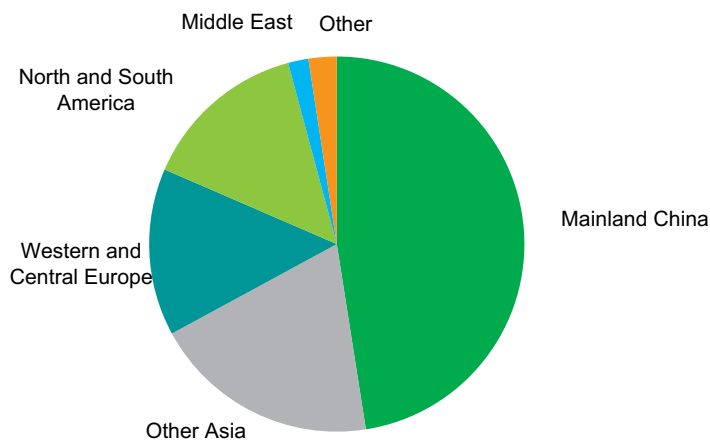
The following pie charts show world consumption of ethyl and n-butyl acetates:



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World consumption of n-butyl acetate—2020



Notes: Other Asia includes the Indian Subcontinent, Japan, Taiwan, South Korea, and Southeast Asia.
Source: IHS Markit

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Demand in most downstream markets for C₁-C₄ alkyl acetates is greatly influenced by general economic conditions. The consumption of C₁-C₄ alkyl acetates in surface coatings depends heavily on construction/remodeling activity, automotive production and refinish activity, and original equipment manufacture (OEM). The demand for C₁-C₄ alkyl acetates in inks tends to be more recession-resistant, as most rotogravure and flexographic inks are used in publications and food, and beverage packaging.

Surface coating applications will continue to drive demand for alkyl acetates; this market accounted for around 40% of the global consumption in 2020. Growing demand centers such as India and mainland China will continue to drive global production.

sec-Butyl acetate is a relatively new end use for acetic acid. Mainland China accounts for almost all of the nameplate capacity for this product in 2020. sec-Butyl acetate is used mainly for coatings, pesticides, and gasoline blending in mainland China, where it is a growing market in China and most production is consumed domestically.

IHS Markit's Chemical Economics Handbook – Alkyl Acetates 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 – Alkyl Acetates 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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