



Market Insights: Higher Alpha Olefins – 2021

Market Insights: Higher Alpha Olefins - 2021 is one in a series of reports published as part of NexantECA's **Markets & Profitability** program.

NexantECA's upcoming Market Insights report provides a comprehensive review of the global higher alpha olefins market, and includes:

- Discussion regarding key market drivers and constraints for each region
- Supply, demand trade for nine regions: North America, South America, Western Europe, Central Europe, Eastern Europe, Middle East, Africa, Asia Pacific, and China
- End-use analysis includes:
 - C10 LAO (decene-1): PAO, plasticisers, detergents and others
 - C12 LAO (dodecene-1): detergent alcohols, LAB, lubes and others
 - C14 LAO (tetradecene-1): detergent alcohols, AOS, fine chemicals and others
- Competitiveness analysis, including competitive landscape, who's who of suppliers and cost competitiveness
- Price history and forecast with commentary regarding latest trends
- Forecast period: 5 years history and 15 years forecast to 2035

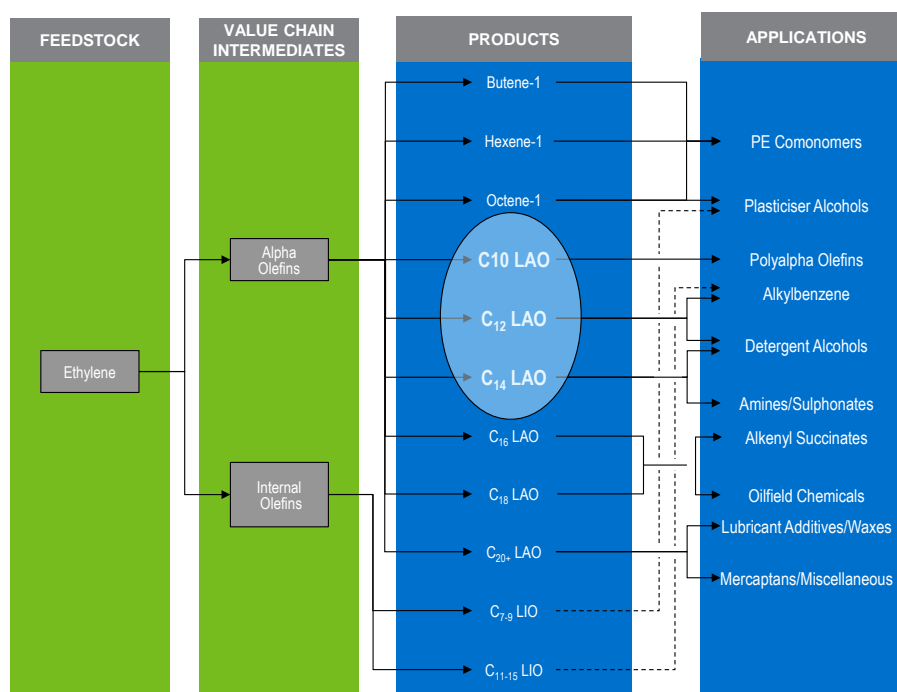
Along with the written report, data is provided in Excel including global capacity listings.

Report Abstract:

The decene-1 market is largely driven by the polyalphaolefins (PAO) industry. Polyalphaolefins (PAO) are high quality type IV base oils that are used for lubricants' production and are mainly produced from decene-1, although small amounts of octene-1 and dodecene-1 are sometimes used.

Most of global dodecene-1 consumption is used in detergent/surfactants market in detergent alcohols and linear alkylbenzene (LAB). The linear alcohols mainly in the C12-16 range are the intermediates used to produce alcohol ethoxylates (AE), alcohol sulphates (AOS) and alcohol ethoxysulphates (AES) which are used as surfactants in laundry products, household cleaners and personal care products.

The tetradecene-1 market is very similar to that of dodecene-1 as this fraction is also used mainly in the bulk detergent sector. However, another main end-use for C14s is in the production of alpha olefin sulphonates (AOS). Alpha olefin sulphonates find use in household liquids, some shampoos, and several oil field applications.





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Each region section in Chapter 3 includes:

- Market Overview
- Market Drivers
- Market Constraints
- Competitive Landscape
- Supply and Demand

Report License Details:

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- Consultation time with the project team

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The **Markets and Profitability** program tracks over 60 feedstocks, petrochemicals, polymers, chemical intermediates and fertilizers on an ongoing basis and provides regularly updated reports covering all commercial aspects of these global industries. The accompanying database, provides global analysis and forecasts in two major inter-related areas: **Markets and Profitability**.

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