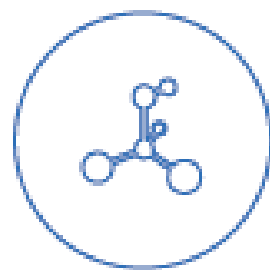


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PPE: Market Dynamics – Propylene & Derivatives 2016

Propylene & Derivatives Volume IV: Propylene, 2-Ethylhexanol (2-EH), *n*-Butanol, *i*-Butanol is one in a series of annual reports published as part of the Petroleum and Petrochemical Economics (PPE) program.

This report provides an in-depth analysis and forecast of supply and demand of various propylene derivatives. The report also provides an overview of the propylene industry.

Volume IV: Propylene, 2-Ethylhexanol (2-EH), *n*-Butanol, *i*-Butanol

To Be Published: September 2016

Abstract:

Propylene consumption growth was 3.9 percent in 2015, driven mainly by polypropylene and propylene oxide, and geographically focused in Asia, the Middle East and Africa. Oxo alcohols account for only a minor share of global propylene demand. The oxo-alcohols of major commercial importance are 2-ethylhexanol (2-EH), *n*-butanol and iso-butanol. 2-EH and *n*-butanol account for about 80 percent of global oxo-alcohol demand.

Butanols have performed better in recent years through underlying growth in the market for its key derivative butyl acrylate, mainly in water-based coatings. Isobutanol is coproduced with *n*-butanol, and is frequently in oversupply. It is used as a solvent, and to a lesser extent in the production of amines.

The 2-ethylhexanol market has been under pressure for several years due to health and safety concerns surrounding its main derivative; the plasticiser, dioctyl phthalate (DOP). 2-ethylhexyl acrylate is however a fast growing sector, mainly for coating and adhesives.

The rapid development of capacity in China is undermining propylene demand into oxo alcohols in other regions.

**Global 2-Ethylhexanol Demand by End Use, 2015-2020
(percent Volume Growth)**

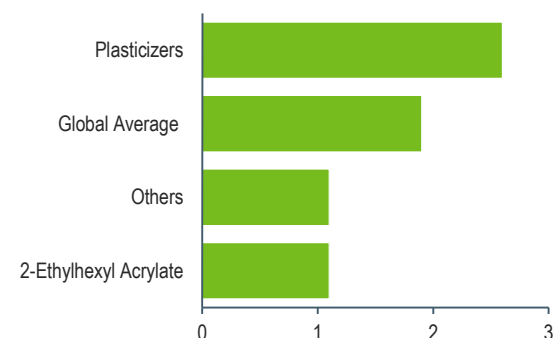


Table of Contents:

1. Executive Summary
2. The Oxo Alcohols Industry
 - 2.1. Propylene Industry Overview
 - 2.2. Oxo Alcohol Market Summary
 - 2.3. Oxo Alcohol End Uses
3. 2-Ethylhexanol (2-EH)
4. *n*-Butanol
5. iso-Butanol

Chapters 3 to 5 are segmented by key geographic region:

- North America
- South America
- Western Europe
- Central and Eastern Europe
- Middle East and Africa
- Asia Pacific

Each region/country is further segmented by:

- Consumption: Assesses historic and forecast consumption; forecasts are based on projections of end use and economic activity.
- Supply: Includes a list of all producers, their production capacity, location, etc, and discussion of the status of new projects.
- Supply, Demand and Trade: Provides historical analysis and forecasts to 2035 of consumption, production, imports/exports, inventory build-up/decline, capacity and capacity utilization.

This analysis will identify the issues shaping the industry, as well as provide an independent appraisal of the market.

NexantThinking™ Online Database includes supply, demand and trade analysis for over 40 countries.

New in this report is inclusion of Vietnam in the supply, demand and trade analysis and extension of the forecast period to 2035 (from 2030).

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