

Global Prenol 321 Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Prenol 321 market size is expected to reach \$ 88.53 million by 2032, rising at a market growth of 4.4% CAGR during the forecast period (2026-2032).

Prenol 321 (3-methyl-2-buten-1-ol) is a colorless, transparent liquid with a characteristic odor. It is a key organic synthesis intermediate in fine chemicals, primarily used in the synthesis of methyl benzoate, pyrethroid insecticides, and vitamins A and E.

The upstream of Prenol 321 mainly relies on basic petrochemical feedstocks. The core process typically uses isobutylene and formaldehyde as starting materials, synthesizing a mixture of isopentenol isomers via the Prins reaction, followed by distillation to obtain high-purity 3-methyl-2-buten-1-ol. Alternatively, chlorination and hydrolysis of isoprene is another synthetic route. The core barriers in the midstream manufacturing stage lie in catalyst selectivity and efficient isomer separation technology to ensure the purity of the 321-position isomer in the product.

Global sales are projected to reach approximately 11,400 tons in 2025, with an average selling price of \$5,607 per ton. The industry gross margin is around 20%-30%.

This report studies the global Prenol 321 production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Prenol 321 and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Prenol 321 that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Prenol 321 total production and demand, 2021-2032, (Tons)

Global Prenol 321 total production value, 2021-2032, (USD Million)

Global Prenol 321 production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Prenol 321 consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Prenol 321 domestic production, consumption, key domestic manufacturers and share

Global Prenol 321 production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Prenol 321 production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Prenol 321 production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Prenol 321 market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kuraray, BASF, Zhejiang NHU, China Catalyst Huabang (Dongying), Nanjing Hengwang Biopharmaceutical, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Prenol 321 market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Prenol 321 Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Prenol 321 Market, Segmentation by Type:

Content ?99.0%

Content ?98.0%

Other

Global Prenol 321 Market, Segmentation by Grade:

Industrial Grade

Pharmaceutical Grade

Fragrance Grade

Global Prenol 321 Market, Segmentation by Application:

Pharmaceuticals

Pesticides

Fragrances

Others

Companies Profiled:

Kuraray

BASF

Zhejiang NHU

China Catalyst Huabang (Dongying)

Nanjing Hengwang Biopharmaceutical

Key Questions Answered:

1. How big is the global Prenol 321 market?
2. What is the demand of the global Prenol 321 market?
3. What is the year over year growth of the global Prenol 321 market?
4. What is the production and production value of the global Prenol 321 market?
5. Who are the key producers in the global Prenol 321 market?
6. What are the growth factors driving the market demand?

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