

Pentanol Market - Global Outlook and Forecast 2022-2028

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Abstracts

1-Pentanol, (or n-pentanol, pentan-1-ol), is an alcohol with five carbon atoms and the molecular formula $C_5H_{11}OH$. 1-Pentanol is a colorless liquid with an unpleasant aroma. It is the straight-chain form of amyl alcohol, one of 8 isomers with that formula.

The hydroxyl group (OH) is the active site of many reactions. The ester formed from 1-pentanol and butyric acid is pentyl butyrate, which smells like apricot. The ester formed from 1-pentanol and acetic acid is amyl acetate (also called pentyl acetate), which smells like banana.

In 2014, a study was conducted comparing the performance of diesel fuel blends with various proportions of pentanol as an additive. While gaseous emissions increased with higher concentrations of pentanol, particulate emissions decreased.

Pentanol can be used as a solvent for coating CDs and DVDs.

Pentanol can be prepared by fractional distillation of fusel oil. To reduce the use of fossil fuels, research is underway to develop cost-effective methods of producing (chemically identical) bio-pentanol with fermentation

This report contains market size and forecasts of Pentanol in global, including the following market information:

Global Pentanol Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Pentanol Market Sales, 2017-2022, 2023-2028, (K MT)

Global top five Pentanol companies in 2021 (%)

The global Pentanol market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Normal Amyl Alcohol Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Pentanol include BASF AG, LANXESS, Huntsman Corporation, DowDupont, Eastman Chemical Company, Chevron Oronite Company LLC, The Lubrizol Corporation, Afton Chemical Corporation and Fuel Performance Solutions Inc and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Pentanol manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Pentanol Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Pentanol Market Segment Percentages, by Type, 2021 (%)

Normal Amyl Alcohol

Active Amyl Alcohol

3-Pentanol

Others

Global Pentanol Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Pentanol Market Segment Percentages, by Application, 2021 (%)

Diesel Fuel Additives

Gasoline Fuel Additives

Others

Global Pentanol Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Pentanol Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Pentanol revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Pentanol revenues share in global market, 2021 (%)

Key companies Pentanol sales in global market, 2017-2022 (Estimated), (K MT)

Key companies Pentanol sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

BASF AG

LANXESS

Huntsman Corporation

DowDupont

Eastman Chemical Company

Chevron Oronite Company LLC

The Lubrizol Corporation

Afton Chemical Corporation

Fuel Performance Solutions Inc

Evonik Industries AG

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