

Global 1-Decanol Market Size Study & Forecast, by Grade, Application, End User Industry, Distribution Channel and Regional Forecasts 2025-2035

<https://marketpublishers.com/r/GD7F49A75AF1EN.html>

Date: July 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: GD7F49A75AF1EN

Abstracts

The Global 1-Decanol Market is valued at approximately USD 1.22 billion in 2024 and is projected to grow at a CAGR of more than 8.80% over the forecast period of 2025-2035. 1-Decanol, a high molecular weight fatty alcohol, has steadily garnered industrial attention due to its versatile characteristics such as high lubricity, emulsifying abilities, and low volatility. These properties make it indispensable in sectors ranging from personal care to plastics and pharmaceuticals. Its increasing adoption as a renewable and biodegradable alternative in manufacturing eco-friendly surfactants and emulsifiers is reshaping the trajectory of global demand. Moreover, regulatory mandates around sustainable chemicals have fueled a marked preference for naturally derived or bio-based 1-decanol grades over petroleum-based derivatives.

With the rising inclination towards wellness-focused lifestyles and high-end grooming products, the personal care and cosmetics industry continues to be a prime consumer of 1-decanol. Used extensively in the formulation of conditioners, lotions, creams, and deodorants due to its emollient and thickening qualities, the product's demand is soaring particularly in developed markets with mature FMCG segments. Furthermore, its expanding utility as a plasticizer and intermediate in polymer production is anchoring growth in the plastics and resins industry. The pharmaceutical sector is also seeing a surge in 1-decanol usage owing to its application in drug delivery systems and active pharmaceutical ingredients (APIs). Technological advancements in alcohol processing, coupled with R&D initiatives to enhance 1-decanol's functional performance, are likely to create substantial commercial opportunities in the near future.

Regionally, North America maintained a significant foothold in the global 1-decanol market in 2025, supported by its robust consumer goods manufacturing base, demand

for natural personal care ingredients, and presence of major chemical producers. Meanwhile, Asia Pacific is anticipated to witness the fastest growth during the forecast period. The region's rapid industrialization, burgeoning middle class, and shift towards organic personal care items in countries such as China, India, and South Korea are expected to fuel consumption. Europe, driven by stringent chemical regulations and environmental compliance frameworks, is undergoing a transition from synthetic to bio-based alcohols—particularly in the fragrance, flavor, and healthcare domains. Latin America and the Middle East & Africa regions are likely to benefit from increased local production capabilities and rising demand for household care products and pharmaceutical applications.

Major market player included in this report are:

BASF SE

Croda International Plc.

Sasol Ltd.

Chevron Phillips Chemical Company

Emery Oleochemicals

Godrej Industries

Kao Corporation

Arkema S.A.

Merck KGaA

Tokyo Chemical Industry Co., Ltd.

Oxiten S.A.

Privi Speciality Chemicals Limited

Spectrum Chemical Manufacturing Corp.

Central Drug House (P) Ltd.

Acme Synthetic Chemicals

Global 1-Decanol Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

By Grade:

Technical Grade

Pharmaceutical Grade

Food Grade

By Application:

Personal Care and Cosmetics

Pharmaceuticals

Flavors and Fragrances

Plastics and Resins

Others

By End User Industry:

Consumer Goods

Manufacturing

Healthcare

Food and Beverage

Others

By Distribution Channel:

Direct

Indirect (Distributors/Wholesalers/Retailers)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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