

Global CLG (Caprylyl Glycol) Market Growth 2026-2032

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Abstracts

The global CLG (Caprylyl Glycol) market size is predicted to grow from US\$ 33.21 million in 2025 to US\$ 47.48 million in 2032; it is expected to grow at a CAGR of 4.6% from 2026 to 2032.

CLG(Caprylyl Glycol)(CAS No: 1117-86-8) also known as 1,2-octanediol, is a multifunctional aliphatic diol, with the chemical formula $C_8H_{18}O_2$. It is a colorless liquid or a white solid, and is stable at room temperature and pressure. Furthermore, octanediol has two hydroxyl groups, making it highly miscible with many other chemicals and exhibiting good compatibility. Caprylyl glycol is widely used in cosmetics and personal care products as a humectant, emollient, and preservative booster. It helps retain skin moisture, provides a smooth texture, and enhances the antimicrobial effectiveness of other preservatives, allowing for paraben-free formulations. Owing to its mildness, stability, and compatibility, it's a common component of many creams and ointments, where it is used as a skin conditioning agent. It is also noted to have some antimicrobial (preserving) ability. In 2025, global sales of caprylyl glycol (CLG) reached 2,908 tons, with an average selling price of US\$10,583 per ton. The gross profit margin of CLG varies depending on purity, ranging from approximately 25% to 40%. The CLG industry chain can be summarized as a complete process from raw material supply to end-use applications: the upstream main raw materials are 1-octene, formic acid, or palm kernel oil, which are used to produce CLG through chemical synthesis or bioconversion processes; the midstream involves purification, quality control, and packaging, and sales are handled by cosmetic raw material suppliers or distributors; the downstream applications include cosmetics, skincare products, shampoos, shower gels, baby care products, and other personal care products, serving as moisturizers, emollients, and preservatives, providing multifunctional enhancements to end products. The entire industry chain forms a closed loop from raw material acquisition and

processing to distribution and application, supporting the global commercial operation of CLG.

CLG(Caprylyl Glycol) demand is driven by the ongoing growth and upgrading of the global cosmetics and personal care industries. As consumers increasingly value product safety, mildness, and transparency, trends such as ?preservative-free,? ?low irritation,? and ?clean beauty? promote the use of multifunctional ingredients. With strong moisturizing and antimicrobial properties, CLG serves as both a humectant and a preservative booster, allowing formulators to reduce traditional preservative use while ensuring product stability and safety. Its mildness and versatility make it ideal for modern skincare, haircare, and cleansing products, and its compatibility with sustainable formulations supports the industry?s shift toward eco-friendly ingredients. Regionally, demand is rising rapidly in China and Asia, supported by consumer preference for gentle, high-performance formulas; Europe emphasizes safety and sustainability; and North America focuses on efficacy and clean-label trends. Challenges include high production costs?especially for bio-based CLG?raw material price fluctuations, regulatory pressures, and consumer confusion about chemical ingredients. Overall, CLG?s multifunctionality and alignment with clean beauty trends ensure continued strong market growth.

LP Information, Inc. (LPI) ' newest research report, the ?CLG (Caprylyl Glycol) Industry Forecast? looks at past sales and reviews total world CLG (Caprylyl Glycol) sales in 2025, providing a comprehensive analysis by region and market sector of projected CLG (Caprylyl Glycol) sales for 2026 through 2032. With CLG (Caprylyl Glycol) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world CLG (Caprylyl Glycol) industry.

This Insight Report provides a comprehensive analysis of the global CLG (Caprylyl Glycol) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on CLG (Caprylyl Glycol) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global CLG (Caprylyl Glycol) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for CLG (Caprylyl Glycol) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up

qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global CLG (Caprylyl Glycol).

This report presents a comprehensive overview, market shares, and growth opportunities of CLG (Caprylyl Glycol) market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Purity ? 99%

Purity

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