

Global Butynediol Ethoxylate (BEO) Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Butynediol Ethoxylate (BEO) market size was valued at US\$ 19.14 million in 2025 and is forecast to a readjusted size of US\$ 25.55 million by 2032 with a CAGR of 4.2% during review period.

In 2025, the global sales volume of Butynediol Ethoxylate (BEO) is estimated at approximately 2,354 tons, with the mainstream ex-factory average price at around USD 7.9/kg. The gross margin of major manufacturers is approximately 25%-40%.

Butynediol Ethoxylate (BEO) is an alkynol ether electroplating intermediate with CAS No. 1606-85-5. It is typically a colorless to pale yellow or brownish-yellow transparent liquid. The product is obtained through ethoxylation modification of butynediol and features both alkynol and ethoxylated structural characteristics. It is mainly used in nickel plating additive systems. Compared with butynediol itself, Butynediol Ethoxylate offers better dispersibility, compatibility and sustained performance in plating baths. It can refine nickel coating grain, improve coating brightness, enhance coating uniformity, and provide weak leveling and auxiliary brightening effects to a certain extent. It is a relatively common functional intermediate in bright nickel plating, semi-bright nickel plating and composite nickel plating additive formulation.

Its upstream raw material mainly includes butynediol, ethylene oxide, catalyst, solvent, refining auxiliary and packaging material. Key production requirements include control of the ethoxylation reaction, stability of active content, color control, moisture control and batch-to-batch consistency. Downstream, it is mainly used in long-life brightener, weak leveling agent, grain refiner, nickel plating auxiliary additive and a small amount of

ferrous metal corrosion inhibitor. Terminal application covers electroplating processing fields such as automotive part, hardware product, electronic connector, sanitary ware and home appliance, and mechanical protective component. Overall, Butynediol Ethoxylate is not a final electroplating solution, but an important raw material used by nickel plating additive manufacturer to formulate brightener, leveling agent, grain refiner and auxiliary additive.

This report is a detailed and comprehensive analysis for global Butynediol Ethoxylate (BEO) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Butynediol Ethoxylate (BEO) market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Butynediol Ethoxylate (BEO) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Butynediol Ethoxylate (BEO) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Butynediol Ethoxylate (BEO) market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Butynediol Ethoxylate (BEO)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Butynediol Ethoxylate (BEO) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mallak Specialties, Wuhan Fengfan Electrochemical Technology, Wuhan Pinestone Technology, Wuhan Jadechem New Materials, Wuhan Bright Chemical, Wuhan Bolachem New Material, Jiangsu Mengde New Materials Technology, Hainan Zhongxin Chemical, Shanghai Theorem Chemical Technology, etc.

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

Market Segmentation

Butynediol Ethoxylate (BEO) market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Industrial Grade (Purity ≥95%)

High Purity Grade (Purity ≥98%)

Electronic Grade (Purity ≥ 99%)

Market segment by Application Plating Type

Bright Nickel Plating

Semi-bright Nickel Plating

Market segment by Application

Long-life Brightener

Weak Leveling Agent

Grain Refiner

Ferrous Metal Corrosion Inhibitor

Other

Major players covered

Mallak Specialties

Wuhan Fengfan Electrochemical Technology

Wuhan Pinestone Technology

Wuhan Jadechem New Materials

Wuhan Bright Chemical

Wuhan Bolachem New Material

Jiangsu Mengde New Materials Technology

Hainan Zhongxin Chemical

Shanghai Theorem Chemical Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Butynediol Ethoxylate (BEO) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Butynediol Ethoxylate (BEO), with price, sales quantity, revenue, and global market share of Butynediol Ethoxylate (BEO) from 2021 to 2026.

Chapter 3, the Butynediol Ethoxylate (BEO) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Butynediol Ethoxylate (BEO) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Butynediol Ethoxylate (BEO) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Butynediol Ethoxylate (BEO).

Chapter 14 and 15, to describe Butynediol Ethoxylate (BEO) sales channel, distributors,

customers, research findings and conclusion.

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