

# Global Eco-friendly Peptizer 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 Eco-friendly Peptizer market size was valued at US\$ 179 million in 2025 and is forecast to a readjusted size of US\$ 247 million by 2032 with a CAGR of 4.7% during review period.

In 2025, the global production of eco-friendly peptizers was approximately 38,000 tons, with an average selling price of around US\$4,580 per ton. Single-line production capacity is approximately 1,000-3,000 tons per year, with an average gross profit margin of about 20-30%. Eco-friendly peptizers are additives used in rubber processing that effectively degrade rubber molecular chains at lower temperatures, improving mastication efficiency. Their main components are typically 2,2'-dibenzoylamino diphenyl disulfide and its composite formulations. They replace traditional toxic thiophenol-based peptizers, offering advantages such as non-toxicity, environmental friendliness, and no adverse effects on rubber performance. They significantly shorten mixing time and save energy, and are suitable for the mastication of both natural and synthetic rubber.

The upstream of the eco-friendly peptizer industry chain mainly includes petroleum-based or bio-based organic chemical raw materials (such as benzene, toluene, xylene, sulfur, fatty acids, and vegetable oil derivatives), as well as inorganic compounds used for modification (such as zinc oxide and potassium hydroxide). Downstream applications are widespread in industries with strict requirements for rubber processing performance and environmental protection, primarily including tire manufacturing, industrial rubber products (such as conveyor belts, seals, and shock absorbers), footwear materials, and high-end medical rubber products. Demand is directly driven by the automotive industry, infrastructure development, and green manufacturing

regulations.

This report is a detailed and comprehensive analysis for global Eco-friendly Peptizer 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 Eco-friendly Peptizer market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Eco-friendly Peptizer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Eco-friendly Peptizer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Eco-friendly Peptizer market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 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 Eco-friendly Peptizer

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 Eco-friendly Peptizer 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 Lanxess, BASF, Eastman, Solvay, Jiangsu Kaiiao New Materials, Shouguang Longtai New Materials Technology, Xinhuang Materials Technology, Shandong Shiqiang New Materials Technology, Laiwu Ruiguang Rubber and Plastic Additive Factory, Dongcai Technology, etc.

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

## **Market Segmentation**

Eco-friendly Peptizer 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

Physical Peptizer

Chemical Peptizer

### Market segment by Application Temperature

Low-Temperature Peptizers

Medium-Temperature Peptizers

High-Temperature Peptizers

### Market segment by Application

Natural Rubber

Synthetic Rubber

### Major players covered

Lanxess

BASF

Eastman

Solvay

Jiangsu Kaiao New Materials

Shouguang Longtai New Materials Technology

Xinhuang Materials Technology

Shandong Shiqiang New Materials Technology

Laiwu Ruiguang Rubber and Plastic Additive Factory

Dongcai 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 Eco-friendly Peptizer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Eco-friendly Peptizer, with price, sales quantity, revenue, and global market share of Eco-friendly Peptizer from 2021 to 2026.

Chapter 3, the Eco-friendly Peptizer competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Eco-friendly Peptizer 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 Eco-friendly Peptizer 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 Eco-friendly Peptizer.

Chapter 14 and 15, to describe Eco-friendly Peptizer sales channel, distributors, customers, research findings and conclusion.

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