

Increasing Demand in Polymers and Coatings Drives Organic Peroxide Market is Estimated to Grow at 3.6% CAGR Through 2035

Organic Peroxide Market surges as increasing plastics production boosts consumption across global manufacturing hubs.

CA, UNITED STATES, August 26, 2025 /EINPresswire.com/ -- [Organic peroxide market](#) is estimated to grow at a CAGR of 3.6% during the forecast period (2025-2035). Organic peroxides are generally used in specialty chemicals.

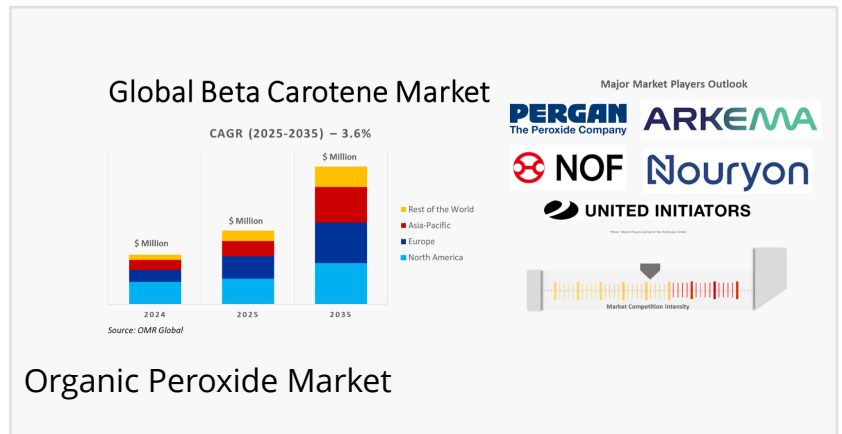
They have experienced strong growth in the last decade and are being used as initiators, accelerators, cross-linking agents, activators, hardeners, and curing & vulcanization agents in polymer chemistry. Organic peroxides also utilize their bleaching and disinfectant nature. Additionally, certain organic peroxides are also being used as active ingredients in explosives. The increasing demand for organic peroxides in adhesives, coatings, and synthetic rubber production is a key market opportunity for several market players. Additionally, the high demand for organic peroxides in chemicals & plastics applications is another market opportunity for players. The safety concern is the key factor inhibiting the growth of this market, as organic peroxides are extremely dangerous chemicals. Rules and regulations on the transport of organic peroxides are also limiting the market growth.

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Market Dynamics

Growing demand for organic peroxide from polymer industry

Organic peroxides are commonly used substances in the polymer industry. Organic peroxides are utilized for the polymerization of LDPE, such as PVC. They are broadly utilized as initiators for free radical polymerization reactions. They are also utilized for curing unsaturated polymer molding resins. The market for organic peroxides has been exhibiting growth due to the heavy



demand from the industry over the last five years. Polymers are used broadly in all the end-user sectors, including automotive, construction, electronic & electrical, and composites.

Regional Outlook

Asia-Pacific region holds a significant share of the Organic Peroxide Market

Asia-Pacific is a large manufacturing hub for numerous polymers such as polyethylene, polypropylene, and rubber. Organic peroxides play a vital role as initiators in polymer manufacture, and hence demand has been rising. Similarly, developing nations such as India and China have also intensified the production of cost-effective vehicles, as well as fuel and electric energy. For instance, in October 2024, BYD, which is China's largest automotive manufacturer, made a statement that it was anticipating ease in investments as the company is planning to produce cars in the Indian market.

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Market Players Outlook

The major companies operating in the global organic peroxide market include Arkema Group, NOF Corp., Nouryon Chemicals Holding B.V., United Initiators GmbH, and Pergan GmbH, among others. Market players are leveraging partnerships, collaborations, mergers, and acquisition strategies for business expansion and innovative product development to maintain their market positioning.

Recent Developments

- In November 2024, Nouryon completed a major capacity increase for organic peroxides in its Ningbo, China site, doubling output to 6,000 tons for Perkadox 14 and Trigonox 101 brands. Nouryon has made this step to strengthen its manufacturing network of critical ingredients and to support the growing polymer industry in China.
- In April 2024, Wella Company and its namesake brand Wella Professionals introduced a greener version of its Welloxon Perfect salon color developer. The manufacturers indicate this new product was designed with packaging materials, from formula to sustainability, foremost in mind. Welloxon Perfect was the first product in the beauty and cosmetics industry to use carbon-reduced hydrogen peroxide manufactured by Evonik.

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Some of the Key Companies in the Organic Peroxide Market include-

- ACE Chemical Corp.
- AKPA Chemical
- Arkema Group
- Chinasun Specialty Products Co., Ltd.
- Kawaguchi Chemical Industry Co., Ltd.
- Lianyungang Hualun Chemical Co., Ltd.
- MPI Chemie B.V.
- NOF Corp.
- Nouryon Chemicals Holding B.V.
- NOVICHEM Sp. z o.o.
- Pergan GmbH
- Plasti Pigments Pvt. Ltd.
- Suzhou Hualun Chemical Co., Ltd.
- United Initiators GmbH

Organic Peroxide Market Segmentation Analysis

Global Organic Peroxide Market by Product

- Ketone Peroxide
- Diacyl Peroxides
- Dialkyl Peroxide
- Percarbonates
- Hydro Peroxides
- Peroxyesters

Global Organic Peroxide Market by Application

- Polymer
- Coatings & Adhesives
- Paper & Textiles
- Cosmetics
- Rubber
- Healthcare
- Others

Regional Analysis

- North America
 - o United States
 - o Canada
- Europe
 - o UK
 - o Germany
 - o Italy
 - o Spain

- o France
- o Rest of Europe
 - Asia-Pacific
- o China
- o India
- o Japan
- o South Korea
- o ASEAN Economies (Singapore, Thailand, Vietnam, Indonesia, and Other)
- o Australia and New Zealand
- o Rest of Asia-Pacific
 - Rest of the World
- o Latin America
- o Middle East and Africa

Anurag Tiwari

Orion Market Research Pvt Ltd

+91 91798 28694

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