

PEG-40 Hydrogenated Castor Oil Market to Reach \$112.9M by 2031, Driven by Cosmetics Demand | DataM Intelligence

Explore how PEG-40 Hydrogenated Castor Oil is transforming cosmetics and pharma with strong growth projected through 2031.

AUSTIN, TX, UNITED STATES, June 2, 2025 /EINPresswire.com/ -- [PEG-40 Hydrogenated Castor Oil market](#) reached US\$ 60.1 million in 2022 and is projected to grow steadily, expected to hit US\$ 112.9 million by 2031, expanding at a compound annual growth rate (CAGR) of 8.2% during the forecast period from 2024 to 2031. This growth reflects the increasing adoption of the ingredient across multiple industries, including cosmetics, pharmaceuticals, and industrial applications.



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An 8.2% CAGR propels the PEG-40 Hydrogenated Castor Oil market from \$60.1M in 2022 to \$112.9M by 2031, highlighting rising demand for plant-based emulsifiers across industries.”

DataM Intelligence

PEG-40 Hydrogenated Castor Oil, a non-ionic surfactant made from castor oil and polyethylene glycol, is gaining popularity for its excellent emulsifying and solubilizing capabilities. As demand surges for multifunctional, plant-based ingredients, this compound is becoming a preferred choice for formulators looking to deliver performance, stability, and sustainability in their product lines.

Key Market Drivers

One of the strongest drivers of PEG-40 Hydrogenated Castor Oil is its widespread use in skincare, haircare, and cosmetic products. It acts as a key emulsifying agent, helping oil-based ingredients mix seamlessly with water-based ones. From facial cleansers and moisturizers to shampoos and sunscreens, the demand for this ingredient is rising in tandem with the boom in beauty and grooming products worldwide.

Pharmaceutical and Nutraceutical Applications

In pharmaceuticals, PEG-40 Hydrogenated Castor Oil helps improve the solubility of drugs that do not dissolve well in water. It plays a vital role in liquid-filled capsules and oral suspensions. Additionally, it is finding use in nutraceutical formulations, supporting the delivery of fat-soluble vitamins and herbal extracts.

Industrial Usage and Biodegradability

Beyond consumer-facing products, the compound also sees use in coatings, lubricants, and textile treatments due to its stability and compatibility with other substances. Importantly, its biodegradability and natural origin make it an attractive alternative to synthetic surfactants in applications where environmental impact is a concern.

Regional Outlook

North America

The North American market is mature and continues to grow steadily due to established beauty, pharmaceutical, and processed food industries. Increasing consumer demand for sustainable and naturally derived ingredients is pushing manufacturers to incorporate PEG-40 Hydrogenated Castor Oil into product development pipelines. Additionally, regulatory emphasis on safer ingredients is accelerating its adoption.

Europe

Europe remains a key region for premium beauty products and pharmaceuticals, both of which benefit from the multifunctionality of this ingredient. With stricter regulations and a well-informed consumer base, manufacturers are focusing on transparent formulations, where the inclusion of recognizable ingredients like PEG-40 Hydrogenated Castor Oil is a plus.

Asia-Pacific

Asia-Pacific is quickly establishing itself as the fastest-growing market. Rising disposable incomes, a growing middle class, and increasing health and beauty awareness in countries like China, India, South Korea, and Japan are fueling consumption. Local manufacturers are also investing in R&D to enhance domestic production and reduce reliance on imports.

Key Companies in the Market

Croda International Plc

Matangi Industries

SpecialChem S.A

Kao Corporation

BASF Corporation

ATAMAN KİMYA

New Directions Aromatics Inc

Vantage Specialty Chemicals

Trulux

PT Rolimex Kimia Nusamas.

Market Segmentation:

By Type: Liquid, Semi-Solid.

By Distribution Channel: Hypermarket/Supermarket, Convenience Stores , Specialty Stores, Online Retail, Others.

By Application: Pesticide, Coating, Textile, Cosmetic & Personal Care, Others.

By Region: North America, Latin America, Europe, Asia Pacific, Middle East, and Africa.

Latest News – USA

In the United States, PEG-40 Hydrogenated Castor Oil has recently gained traction due to growing consumer interest in "hybrid" beauty products combining skincare benefits with makeup functionality. U.S. brands are integrating the ingredient into new product lines, such as tinted moisturizers, BB creams, and skin primers.

Moreover, increased scrutiny on microplastics and synthetic surfactants in personal care has opened up space for this ingredient to be marketed as a safer, biodegradable alternative. Several major skincare brands in California and New York are revamping product labels to highlight naturally-derived ingredients, further boosting PEG-40 Hydrogenated Castor Oil's popularity.

In the pharmaceutical space, U.S. contract manufacturing organizations (CMOs) are reporting higher demand for solubilizers like PEG-40 Hydrogenated Castor Oil, especially in reformulating generic drugs with improved bioavailability.

Latest News – Japan

Japan, known for its innovation in cosmetics and pharmaceuticals, has seen a surge in demand for PEG-40 Hydrogenated Castor Oil across both traditional and emerging product lines. In 2024, several J-beauty brands launched next-gen cleansers and makeup removers featuring PEG-40 Hydrogenated Castor Oil as a key ingredient, emphasizing its skin-softening and emulsifying properties.

The Japanese government's new sustainability directives are also prompting cosmetic companies to seek biodegradable, low-impact ingredients. Domestic manufacturers are exploring local production of castor-based derivatives to support ingredient security and reduce reliance on imports.

In pharmaceuticals, Japan's leading generics manufacturers are exploring PEG-40-based solubilizing agents for new pediatric and geriatric formulations, focusing on ease of consumption and enhanced absorption.

Conclusion

The PEG-40 Hydrogenated Castor Oil market is entering a dynamic growth phase. As industries worldwide pivot toward safer, cleaner, and more effective ingredient systems, this compound stands out for its proven performance, versatility, and natural origin. While regulatory trends and consumer awareness are helping to shape the market landscape, innovation in formulation and increased regional production are expected to drive sustained momentum in the years ahead. The future looks bright for this essential yet often unsung ingredient.

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