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Global Cleaning Pre-filming Agent Market Growth 2026-2032

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Abstracts

The global Cleaning Pre-filming Agent market size is predicted to grow from US$ 90.1 million in 2025 to US$ 122 million in 2032; it is expected to grow at a CAGR of 4.5% from 2026 to 2032.

A cleaning and pre-filming agent is a multifunctional chemical treatment agent used after cleaning industrial equipment or circulating water systems and before full operation. It combines cleaning and film-forming functions. It further removes residual oxides and impurities on the metal surface while rapidly forming a dense, uniform protective conversion film (such as a phosphate film, silicate film, or organic composite film), effectively isolating the metal from corrosive media and preventing corrosion, scaling, and microbial growth during initial system startup. This agent is widely used in cooling water systems, boilers, and heat exchange equipment in the power, chemical, and HVAC industries. It is a key component of the complete "cleaning-pre-filming-routine maintenance" water treatment process, helping to extend equipment life, improve heat transfer efficiency, and ensure stable system operation.In 2024, the global production of cleaning and pre-filming agents will reach 81,410 tons, with an average selling price of US$1,085 per ton.

United States market for Cleaning Pre-filming Agent is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Cleaning Pre-filming Agent is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Cleaning Pre-filming Agent is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

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Global key Cleaning Pre-filming Agent players cover Shandong Taihe Technologies Co., Ltd., Zhengyin Environmental Protection, Sichuan Puqing Environmental Protection Technology Co., Ltd., Shandong Kairui Chemical Co., Ltd., SCIENGREEN (SHANDONG) ENVIRONMENTAL TECHNOLOGY CO.,LTD., etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

Report Scope

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

This Insight Report provides a comprehensive analysis of the global Cleaning Pre-filming Agent 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 Cleaning Pre-filming Agent portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Cleaning Pre-filming Agent market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Cleaning Pre-filming Agent 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 Cleaning Pre-filming Agent.

This report presents a comprehensive overview, market shares, and growth opportunities of Cleaning Pre-filming Agent market by product type, application, key manufacturers and key regions and countries.

Market Segmentation

Segmentation by Type:

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Inorganic Type

Organic Type

Segmentation by Application:

Circulating Cooling Water System

Boiler and Heat Exchange Equipment

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

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Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Shandong Taihe Technologies Co., Ltd.

Zhengyin Environmental Protection

Sichuan Puqing Environmental Protection Technology Co., Ltd.

Shandong Kairui Chemical Co., Ltd.

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SCIENGREEN (SHANDONG) ENVIRONMENTAL TECHNOLOGY CO.,LTD.

Reformchem

Ochemate

PT JACKO ECO TECHNOLOGIES

JiangSu Jingke Total Solutions Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Cleaning Pre-filming Agent market?

What factors are driving Cleaning Pre-filming Agent market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Cleaning Pre-filming Agent market opportunities vary by end market size?

How does Cleaning Pre-filming Agent break out by Type, by Application?

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