

Surface Treatment Chemicals Market, Opportunity, Growth Drivers, Industry Trend Analysis and Forecast, 2024-2032

Market Report | 2024-08-21 | 200 pages | Global Market Insights

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Report description:

The global surface treatment chemicals market was valued at USD 10.3 billion in 2023 and is projected to grow at a CAGR of over 8.8% from 2024 to 2032. These chemicals, including coatings, primers, rust inhibitors, and cleaning agents, enhance the performance, aesthetics, and durability of materials like metals, plastics, and ceramics. Key industries such as automotive, aerospace, electronics, and construction rely on these treatments for improved corrosion resistance, adhesion, and aesthetics. The U.S. Environmental Protection Agency (EPA) reports a 5% annual growth rate for these chemicals, driven by technological advancements, demand for high-performance materials, eco-friendly innovations, regulatory mandates, and a focus on material longevity.

The overall surface treatment chemicals industry is classified based on the product type, substrate, function, end-use, and region. The cleaners segment is expected to reach USD 5.2 billion by 2032, growing at a CAGR of over 8.6%. Cleaners, including degreasers, rust removers, and general-purpose cleaners, are crucial for preparing surfaces for subsequent treatments. As manufacturing processes become more stringent, the demand for specialized cleaners that meet regulatory standards and enhance surface quality increases. Innovations in eco-friendly and biodegradable cleaners are expanding the market's reach, addressing industrial needs and environmental concerns.

The metal segment is projected to grow at a CAGR of around 9.0%, reaching USD 9.6 billion by 2032. This segment's growth is driven by its extensive application in the automotive, aerospace, construction, and electronics industries. Metal treatments, such as coatings, rust inhibitors, and plating, are essential for durability, corrosion resistance, and aesthetic appeal. As industrial activities increase and quality standards tighten, the demand for advanced metal treatments rises. Innovations in high-performance coatings and eco-friendly solutions address industry demands and regulatory pressures, driving market growth and technological advancements.

The Asia Pacific surface treatment chemicals market is set to reach approximately USD 12.2 billion, growing at a CAGR of 9.3% from 2024 to 2032. Rapid industrialization, urbanization, and infrastructure development in countries like China, India, and Southeast Asian nations are boosting the market. Key sectors, including automotive, aerospace, electronics, and construction, demand advanced surface treatments for enhanced material performance and durability. As regulatory standards tighten, there's

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a shift towards eco-friendly and sustainable solutions. Increased manufacturing investments and a consumer base seeking premium products position the Asia Pacific market for substantial growth, offering lucrative opportunities for manufacturers.

Table of Contents:

Report Content

Chapter 1 Methodology and Scope

1.1 Market scope and definition

1.2 Base estimates and calculations

1.3 Forecast calculation

1.4 Data sources

1.4.1 Primary

1.4.2 Secondary

1.4.2.1 Paid sources

1.4.2.2 Public sources

Chapter 2 Executive Summary

2.1 Industry 360 synopsis

Chapter 3 Industry Insights

3.1 Industry ecosystem analysis

3.1.1 Key manufacturers

3.1.2 Distributors

3.1.3 Profit margins across the industry

3.2 Industry impact forces

3.2.1 Industrial growth and infrastructure development

3.2.2 Environmental regulations and sustainability trends

3.2.3 Innovations in surface treatment technologies

3.2.4 Market challenges

3.2.4.1 High costs of advanced technologies

3.2.4.2 Fluctuations in the prices of raw materials

3.2.5 Market opportunity

3.2.5.1 New opportunities

3.2.5.2 Growth potential analysis

3.3 Raw material landscape

3.3.1 Manufacturing trends

3.3.2 Technology evolution

3.3.2.1 Sustainable manufacturing

3.3.2.1.1 Green practices

3.3.2.1.2 Decarbonization

3.3.3 Sustainability in raw materials

3.3.4 Pricing trends (USD/Ton), 2021 - 2032

3.3.4.1 North America

3.3.4.2 Europe

3.3.4.3 Asia Pacific

3.3.4.4 Latin America

3.3.4.5 Middle East and Africa

3.4 Regulations and market impact

3.5 Porter's analysis

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3.6 PESTEL analysis

Chapter 4 Competitive Landscape, 2023

4.1 Company market share analysis

4.2 Competitive positioning matrix

4.3 Strategic outlook matrix

Chapter 5 Market Size and Forecast, By Product Type, 2021-2032 (USD Billion, Kilo Tons)

5.1 Key trends

5.1.1 Plating chemicals

5.1.2 Cleaners

5.1.3 Conversion coating

5.1.4 Anodizing chemicals

5.1.5 Passivation chemicals

5.1.6 Paint strippers

5.1.7 Rust preventives

5.1.8 Others

Chapter 6 Market Size and Forecast, By Substrate, 2021-2032 (USD Billion, Kilo Tons)

6.1 Key trends

6.1.1 Metals

6.1.2 Plastics

6.1.3 Wood

6.1.4 Glass

6.1.5 Composites

6.1.6 Others

Chapter 7 Market Size and Forecast, By Function, 2021-2032 (USD Billion, Kilo Tons)

7.1 Key trends

7.1.1 Corrosion protection

7.1.2 Adhesion promotion

7.1.3 Cleaning

7.1.4 Decorative finishing

7.1.5 Wear resistance

7.1.6 Others

Chapter 8 Market Size and Forecast, By End-Use Industry, 2021-2032 (USD Billion, Kilo Tons)

8.1 Key trends

8.1.1 Automotive

8.1.2 Aerospace

8.1.3 Construction

8.1.4 Electrical and electronics

8.1.5 Industrial machinery

8.1.6 Metal fabrication

8.1.7 Marine

8.1.8 Consumer goods

8.1.9 Others

Chapter 9 Market Size and Forecast, By Region, 2021-2032 (USD Billion, Kilo Tons)

9.1 Key trends

9.2 North America

9.2.1 U.S.

9.2.2 Canada

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- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.2 UK
 - 9.3.3 France
 - 9.3.4 Italy
 - 9.3.5 Spain
 - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
 - 9.4.1 China
 - 9.4.2 India
 - 9.4.3 Japan
 - 9.4.4 South Korea
 - 9.4.5 Australia
 - 9.4.6 Rest of Asia Pacific
- 9.5 Latin America
 - 9.5.1 Brazil
 - 9.5.2 Mexico
 - 9.5.3 Argentina
 - 9.5.4 Rest of Latin America
- 9.6 MEA
 - 9.6.1 Saudi Arabia
 - 9.6.2 UAE
 - 9.6.3 South Africa
 - 9.6.4 Rest of MEA

Chapter 10 Company Profiles

- 10.1 PPG industries
- 10.2 Henkel AG and Co Ltd.
- 10.3 Dow
- 10.4 Chemetall Inc.
- 10.5 NOF Corporation
- 10.6 Atotech
- 10.7 Quacker Chemical Corporation
- 10.8 Platform Specialty Products Corporation

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