

Global Industrial Wastewater Treatment Chemicals Market Size Study & Forecast, by Application (Cooling & Boilers, Water Desalination, Raw Water Treatment), and Regional Forecasts 2025-2035

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Abstracts

The Global Industrial Wastewater Treatment Chemicals Market is valued at approximately USD 15.93 billion in 2024 and is expected to grow at a steady CAGR of 4.90% over the forecast period from 2025 to 2035. Industrial wastewater, laden with a complex mix of pollutants, has spurred industries across sectors to adopt innovative chemical treatments. These treatment chemicals serve as the first line of defense against environmental degradation by purifying effluents before their release or reuse. As sustainability becomes integral to global corporate agendas, wastewater treatment chemicals are no longer merely an environmental compliance tool—they are a business-critical investment that protects brand reputation, conserves water, and fosters operational resilience.

The market has gained remarkable traction, riding on the wave of rapid industrialization, tightening regulatory frameworks, and escalating concerns around freshwater scarcity. An increasing number of industries are turning to chemicals tailored to improve coagulation, flocculation, pH balance, and sludge treatment. This has unlocked demand for customized treatment blends across power generation, oil & gas, manufacturing, and food & beverage sectors. Moreover, the adoption of closed-loop water systems and zero-liquid discharge technologies is further driving the consumption of high-efficiency chemical agents. The transition toward green chemistry and biodegradable solutions is also prompting chemical manufacturers to innovate at the intersection of performance and environmental safety—thereby opening doors for market differentiation and premium product lines.

Geographically, North America commands a significant portion of the global industrial wastewater treatment chemicals market due to stringent water discharge regulations imposed by the EPA and a mature industrial base with high water treatment awareness. Europe, fueled by its proactive circular economy initiatives and robust industrial infrastructure, maintains a strong foothold as well. However, it is the Asia Pacific region that is anticipated to register the fastest growth during the forecast window. Burgeoning industrial hubs in China, India, and Southeast Asia, paired with increasing government efforts to curb pollution and manage water stress, are creating fertile ground for expansion. The region's rapid urban development and increasing reliance on desalination and reuse processes further amplify the demand for cost-effective, high-performance treatment chemicals.

Major market player included in this report are:

BASF SE

Ecolab Inc.

Kurita Water Industries Ltd.

Suez SA

SNF Floerger

Solenis LLC

Veolia Environnement S.A.

Kemira Oyj

Dow Chemical Company

Thermax Limited

Buckman Laboratories International Inc.

Baker Hughes Company

Akzo Nobel N.V.

ChemTreat Inc.

Accepta Ltd.

Global Industrial Wastewater Treatment Chemicals Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

By Application:

Cooling & Boilers

Water Desalination

Raw Water Treatment

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL INDUSTRIAL WASTEWATER TREATMENT CHEMICALS MARKET REPORT SCOPE & METHODOLOGY

- 1.1. Research Objective
- 1.2. Research Methodology
 - 1.2.1. Forecast Model
 - 1.2.2. Desk Research
 - 1.2.3. Top Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
 - 1.4.1. Market Definition
 - 1.4.2. Market Segmentation
- 1.5. Research Assumption
 - 1.5.1. Inclusion & Exclusion
 - 1.5.2. Limitations
 - 1.5.3. Years Considered for the Study

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. Key Findings

CHAPTER 3. GLOBAL INDUSTRIAL WASTEWATER TREATMENT CHEMICALS MARKET FORCES ANALYSIS

- 3.1. Market Forces Shaping the Global Industrial Wastewater Treatment Chemicals Market (2024-2035)
- 3.2. Drivers
 - 3.2.1. Rising environmental regulations for industrial effluent discharge
 - 3.2.2. Growing adoption of zero-liquid discharge systems
- 3.3. Restraints
 - 3.3.1. High operating costs of chemical treatment technologies
 - 3.3.2. Market volatility in raw material prices
- 3.4. Opportunities
 - 3.4.1. Technological advancements in green chemistry solutions

3.4.2. Expanding industrial base in emerging economies

CHAPTER 4. GLOBAL INDUSTRIAL WASTEWATER TREATMENT CHEMICALS INDUSTRY ANALYSIS

4.1. Porter's 5 Forces Model

4.1.1. Bargaining Power of Buyer

4.1.2. Bargaining Power of Supplier

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.2. Porter's 5 Force Forecast Model (2024–2035)

4.3. PESTEL Analysis

4.3.1. Political

4.3.2. Economical

4.3.3. Social

4.3.4. Technological

4.3.5. Environmental

4.3.6. Legal

4.4. Top Investment Opportunities

4.5. Top Winning Strategies (2025)

4.6. Market Share Analysis (2024–2025)

4.7. Global Pricing Analysis and Trends 2025

4.8. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL INDUSTRIAL WASTEWATER TREATMENT CHEMICALS MARKET SIZE & FORECASTS BY APPLICATION 2025–2035

5.1. Market Overview

5.2. Global Market Performance – Potential Analysis (2025)

5.3. Cooling & Boilers

5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

5.3.2. Market Size Analysis by Region, 2025–2035

5.4. Water Desalination

5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

5.4.2. Market Size Analysis by Region, 2025–2035

5.5. Raw Water Treatment

5.5.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

5.5.2. Market Size Analysis by Region, 2025–2035

CHAPTER 6. GLOBAL INDUSTRIAL WASTEWATER TREATMENT CHEMICALS MARKET SIZE & FORECASTS BY REGION 2025–2035

- 6.1. Regional Market Snapshot
- 6.2. Top Leading & Emerging Countries
- 6.3. North America
 - 6.3.1. U.S.
 - 6.3.1.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.3.2. Canada
 - 6.3.2.1. Application Breakdown Size & Forecasts, 2025–2035
- 6.4. Europe
 - 6.4.1. UK
 - 6.4.1.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.4.2. Germany
 - 6.4.2.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.4.3. France
 - 6.4.3.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.4.4. Spain
 - 6.4.4.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.4.5. Italy
 - 6.4.5.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.4.6. Rest of Europe
 - 6.4.6.1. Application Breakdown Size & Forecasts, 2025–2035
- 6.5. Asia Pacific
 - 6.5.1. China
 - 6.5.1.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.5.2. India
 - 6.5.2.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.5.3. Japan
 - 6.5.3.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.5.4. Australia
 - 6.5.4.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.5.5. South Korea
 - 6.5.5.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.5.6. Rest of Asia Pacific
 - 6.5.6.1. Application Breakdown Size & Forecasts, 2025–2035
- 6.6. Latin America
 - 6.6.1. Brazil

- 6.6.1.1. Application Breakdown Size & Forecasts, 2025–2035
- 6.6.2. Mexico
 - 6.6.2.1. Application Breakdown Size & Forecasts, 2025–2035
- 6.7. Middle East & Africa
 - 6.7.1. UAE
 - 6.7.1.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.7.2. Saudi Arabia
 - 6.7.2.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.7.3. South Africa
 - 6.7.3.1. Application Breakdown Size & Forecasts, 2025–2035
 - 6.7.4. Rest of Middle East & Africa
 - 6.7.4.1. Application Breakdown Size & Forecasts, 2025–2035

CHAPTER 7. COMPETITIVE INTELLIGENCE

- 7.1. Top Market Strategies
- 7.2. BASF SE
 - 7.2.1. Company Overview
 - 7.2.2. Key Executives
 - 7.2.3. Company Snapshot
 - 7.2.4. Financial Performance (Subject to Data Availability)
 - 7.2.5. Product/Services Portfolio
 - 7.2.6. Recent Development
 - 7.2.7. Market Strategies
 - 7.2.8. SWOT Analysis
- 7.3. Ecolab Inc.
- 7.4. Kurita Water Industries Ltd.
- 7.5. Suez SA
- 7.6. SNF Floerger
- 7.7. Solenis LLC
- 7.8. Veolia Environnement S.A.
- 7.9. Kemira Oyj
- 7.10. Dow Chemical Company
- 7.11. Thermax Limited
- 7.12. Buckman Laboratories International Inc.
- 7.13. Baker Hughes Company
- 7.14. Akzo Nobel N.V.
- 7.15. ChemTreat Inc.
- 7.16. Accepta Ltd.

List Of Tables

LIST OF TABLES

Table 1. Global Industrial Wastewater Treatment Chemicals Market, Report Scope

Table 2. Market Estimates & Forecasts By Region, 2024–2035

Table 3. Market Estimates & Forecasts By Application, 2024–2035

Table 4. U.S. Market Estimates & Forecasts, 2024–2035

Table 5. Canada Market Estimates & Forecasts, 2024–2035

Table 6. UK Market Estimates & Forecasts, 2024–2035

Table 7. Germany Market Estimates & Forecasts, 2024–2035

Table 8. France Market Estimates & Forecasts, 2024–2035

Table 9. Spain Market Estimates & Forecasts, 2024–2035

Table 10. Italy Market Estimates & Forecasts, 2024–2035

Table 11. China Market Estimates & Forecasts, 2024–2035

Table 12. India Market Estimates & Forecasts, 2024–2035

Table 13. Japan Market Estimates & Forecasts, 2024–2035

Table 14. Australia Market Estimates & Forecasts, 2024–2035

Table 15. South Korea Market Estimates & Forecasts, 2024–2035

Table 16. Brazil Market Estimates & Forecasts, 2024–2035

Table 17. Mexico Market Estimates & Forecasts, 2024–2035

Table 18. UAE Market Estimates & Forecasts, 2024–2035

Table 19. Saudi Arabia Market Estimates & Forecasts, 2024–2035

Table 20. South Africa Market Estimates & Forecasts, 2024–2035

List Of Figures

LIST OF FIGURES

- Figure 1. Research Methodology
- Figure 2. Market Estimation Techniques
- Figure 3. Global Market Size Estimates & Forecast Methods
- Figure 4. Key Trends 2025
- Figure 5. Growth Prospects 2024–2035
- Figure 6. Porter's Five Forces Model
- Figure 7. PESTEL Analysis
- Figure 8. Value Chain Analysis
- Figure 9. Market By Application, 2025 & 2035
- Figure 10. North America Market Forecast, 2025 & 2035
- Figure 11. Europe Market Forecast, 2025 & 2035
- Figure 12. Asia Pacific Market Forecast, 2025 & 2035
- Figure 13. Latin America Market Forecast, 2025 & 2035
- Figure 14. Middle East & Africa Market Forecast, 2025 & 2035
- Figure 15. Company Market Share Analysis (2025)

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