

France Water Treatment Chemicals Market By Type (Coagulants & Flocculants, Corrosion Inhibitors, Scale Inhibitors, Biocides & Disinfectants, Chelating Agents and Others), By End-User (Municipal, Power, Oil & Gas, Mining, Chemical, Food & Beverage, Pulp & Paper and Others), By Region, Competition, Forecast & Opportunities, 2018-2028F

<https://marketpublishers.com/r/FAC3ADCCEAC8EN.html>

Date: October 2023

Pages: 74

Price: US\$ 3,500.00 (Single User License)

ID: FAC3ADCCEAC8EN

Abstracts

The France Water Treatment Chemicals Market, valued at USD 1.56 billion in 2022, is poised for robust growth during the forecast period, exhibiting a projected Compound Annual Growth Rate (CAGR) of 4.81% through 2028 and is expected to reach at USD 2.05 billion by 2028. The surge in demand for water treatment chemicals can be attributed to stringent regulations and policies enacted by the French government concerning water and wastewater treatment. The enforcement of these regulations has amplified the need for water treatment solutions in France's burgeoning market. For instance, under the UWWTD, France is required to apply biological treatments to remove at least 75% of nitrogen and phosphorus from wastewater generated in specific regions. Concurrently, France's population growth and urbanization trends have led to an increased concentration of people in urban centers, thus elevating the demand for safe and potable drinking water. To meet this escalating demand, water treatment facilities must maintain a steady supply of high-quality water, driving the need for effective water treatment chemicals. France's population has grown by 45.7% between 1960 and 2022, and these demographic shifts underline the significance of robust water treatment.

France boasts a diverse industrial sector encompassing manufacturing, pharmaceuticals, and petrochemicals, all of which rely heavily on water for their

processes. Given the specialized treatment these industries require to adhere to regulatory standards and ensure proper discharge, the demand for various water treatment chemicals such as coagulants, flocculants, pH adjusters, and disinfectants is on the rise. Notably, the pharmaceutical industry accounted for USD 66.83 billion in sales in 2019, half of which were export sales.

France's proactive approach toward implementing stringent environmental regulations to protect water sources has amplified the demand for advanced and efficient water treatment chemicals. This dynamic regulatory landscape necessitates adherence to strict water quality standards, propelling the growth of the market for innovative and sustainable water treatment solutions.

The emergence of contaminants in France's water supply is generating new opportunities for the water treatment chemicals market. Emerging contaminants include micropollutants, endocrine disruptors, pesticides, pharmaceuticals, hormones, and toxins, among others. Addressing these contaminants requires advanced treatment technologies and chemicals that can effectively target and remove them from water sources.

Despite the existence of 19,750 wastewater treatment plants in France, with a total capacity of 99 million population equivalents, challenges persist. Nearly 80% of these treatment plants operate at low capacity, accounting for only a small fraction of the total installed capacity.

Key Market Drivers

Escalating Scarcity of Freshwater Drives Demand

The growing scarcity of freshwater resources in France has propelled the demand for water treatment chemicals. These chemicals are pivotal in purifying and reusing wastewater, a pressing need as water resources diminish. Chemical precipitation, a common method, eliminates dissolved toxic metals from wastewater. This process involves adding precipitation reagents to transform particles into solids that can be filtered out. With an anticipated reduction of natural water resources by 10-40% by 2050, as per France's ecology minister Christophe B?chu, the need for advanced water treatment technologies is imminent.

Environmental Concerns Drive Chemical Demand

Addressing environmental challenges, particularly water pollution from industrial discharges, agricultural runoff, waste mismanagement, and untreated sewage, demands effective water treatment chemicals. These chemicals facilitate purification and disinfection. They effectively remove impurities, suspended solids, and emerging contaminants. Given that approximately 20% of people in metropolitan France received water from taps that did not meet quality criteria in 2021, the demand for such chemicals is evident.

Key Market Challenges

Emergence of New Contaminants Presents Challenges

The emergence of new contaminants poses significant challenges for water treatment chemicals. These contaminants disrupt aquatic ecosystems and can lead to drug-resistant bacteria, endangering public health. Some contaminants persist in the environment and accumulate over time. Addressing these challenges requires continuous adaptation of water treatment chemicals and regulatory frameworks.

Stringent Environmental Regulations Influence Market

Increasingly stringent environmental regulations are a major challenge for the water treatment chemicals market. Adapting to these regulations demands reformulating products and exploring eco-friendly alternatives. This shift necessitates investments in research and development and encourages the development of sustainable chemicals and treatment methods.

Key Market Trends

Digitalization and Automation Boost Efficiency

Digitalization and automation are transforming water treatment processes, enhancing efficiency and compliance. Real-time monitoring, data collection, and cloud-based platforms optimize chemical dosages, equipment performance, and resource allocation. This improves treatment effectiveness, reduces waste, and minimizes regulatory non-compliance risks. Automation further contributes to energy savings, aligning with sustainability goals.

Growing Importance of Industrial Water Treatment

Advanced technologies such as nanotechnology and membrane filtration are redefining industrial water treatment. Industries are exploring methods like zero liquid discharge and water reclamation to conserve water and minimize environmental impact. Sustainability is paramount, driving the development of eco-friendly chemicals that adhere to sustainable practices.

Segmental Insights

Type Insights

The Coagulants & Flocculants segment dominated the market in 2022 and is projected to continue its expansion. These chemicals find versatile applications across various industries and treatment scenarios, offering cost-effective solutions for removing contaminants from water. Their affordability and efficacy in improving water quality make them a reliable choice for both small and large-scale operations.

End-User Insights

Municipalities dominated the water treatment chemicals market in 2022, driven by strict regulations governing drinking water treatment and safety. Significant investments in water treatment infrastructure align with the construction and maintenance of treatment plants, distribution networks, and storage facilities. Water treatment chemicals are instrumental in meeting regulatory requirements and ensuring consistent clean water supply.

Regional Insights

Central regions emerged as market leaders, hosting industrial hubs and urban areas with high population densities. This concentration results in substantial wastewater production, necessitating effective water treatment. Well-developed infrastructure facilitates the delivery and utilization of water treatment chemicals, further solidifying the central segment's dominance.

In summary, the France Water Treatment Chemicals Market is positioned for growth due to escalating freshwater scarcity, environmental concerns, and emerging contaminants. As the industry navigates challenges posed by regulatory changes and new contaminants, it is embracing digitalization, automation, and sustainable practices to enhance efficiency and reduce environmental impact. With municipalities and industries actively seeking advanced treatment solutions, the market's trajectory points

toward a more sustainable water future.

Key Market Players

BASF SE

The Dow Chemical Company

Solvay SA

Veolia Water Technologies

Ecolab Inc.

Report Scope:

In this report, the France Water Treatment Chemicals Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

France Water Treatment Chemicals Market, By Type:

Coagulants & Flocculants

Corrosion Inhibitors

Scale Inhibitors

Biocides & Disinfectants

Chelating Agents

Others

France Water Treatment Chemicals Market, By End User:

Municipal

Power

Oil & Gas

Mining

Chemical

Food & Beverage

Pulp & Paper

Others

France Water Treatment Chemicals Market, By Region:

Northern

Southern

Western

Eastern

Central

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the France Water Treatment Chemicals Market.

Available Customizations:

France Water Treatment Chemicals Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

France Water Treatment Chemicals Market By Type (Coagulants & Flocculants, Corrosion Inhibitors, Scale Inhibit...

Detailed analysis and profiling of additional market players (up to five).

Contents

1. Product Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. FRANCE WATER TREATMENT CHEMICALS MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Type (Coagulants & Flocculants, Corrosion Inhibitors, Scale Inhibitors, Biocides & Disinfectants, Chelating Agents, and Others)
 - 5.2.2. By End-User (Municipal, Power, Oil & Gas, Mining, Chemical, Food & Beverage, Pulp & Paper, and Others)

5.2.3. By Region (Northern France, Southern France, Western France, Central France, Eastern France, Southwestern France)

5.2.4. By Company (2022)

5.3. Market Map

5.3.1. By Type

5.3.2. By End-User

5.3.3. By Region

6. NORTHERN FRANCE WATER TREATMENT CHEMICALS MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Type

6.2.2. By End-User

6.2.3. By Region

7. SOUTHERN FRANCE WATER TREATMENT CHEMICALS MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Type

7.2.2. By End-User

7.2.3. By Region

8. EASTERN FRANCE WATER TREATMENT CHEMICALS MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Type

8.2.2. By End-User

8.2.3. By Region

9. WESTERN FRANCE WATER TREATMENT CHEMICALS MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Type

9.2.2. By End-User

9.2.3. By Region

10. CENTRAL FRANCE WATER TREATMENT CHEMICALS MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Type

10.2.2. By End-User

10.2.3. By Region

11. MARKET DYNAMICS

11.1. Drivers

11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

12.1. Research & Development

12.2. Product launch

12.3. Merger & Acquisition

13. POLICY & REGULATORY LANDSCAPE

14. PRICING ANALYSIS

15. FRANCE ECONOMIC PROFILE

16. FRANCE WATER TREATMENT CHEMICALS MARKET: SWOT ANALYSIS

17. PORTER'S FIVE FORCES ANALYSIS

- 17.1. Competition in the Industry
- 17.2. Potential of New Entrants
- 17.3. Power of Suppliers
- 17.4. Power of Customers
- 17.5. Threat of Substitute Products

18. COMPETITIVE LANDSCAPE

- 18.1. Business Overview
- 18.2. Product Offerings
- 18.3. Recent Developments
- 18.4. Financials (In Case of Listed Companies)
- 18.5. Key Personnel
 - 18.5.1. BASF SE
 - 18.5.2. The Dow Chemical Company
 - 18.5.3. Solvay SA
 - 18.5.4. Veolia Water Technologies
 - 18.5.5. Ecolab Inc.

19. STRATEGIC RECOMMENDATIONS

I would like to order

Product name: France Water Treatment Chemicals Market By Type (Coagulants & Flocculants, Corrosion Inhibitors, Scale Inhibitors, Biocides & Disinfectants, Chelating Agents and Others), By End-User (Municipal, Power, Oil & Gas, Mining, Chemical, Food & Beverage, Pulp & Paper and Others), By Region, Competition, Forecast & Opportunities, 2018-2028F

Product link: <https://marketpublishers.com/r/FAC3ADCCEAC8EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/FAC3ADCCEAC8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970