

Global Algae Treatment Chemical Market Size Study, by Product Type (Algaecides, Coagulants and Flocculants, pH Adjusters, Oxidizers, Biocides, Nutrient Reduction Chemicals, Others), by Algae Type (Macroalgae, Microalgae), by Form (Liquid, Solid), by End-use Industry (Municipal Water Treatment, Industrial Water Treatment, Agriculture, Healthcare and Pharmaceuticals, Food and Beverage, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G36B2E4173B2EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G36B2E4173B2EN

Abstracts

The Global Algae Treatment Chemical Market is valued at approximately USD 3,070 million in 2023 and is anticipated to grow with a healthy growth rate of more than 5.5% over the forecast period 2024-2034. The algae treatment chemical industry is expected to rise over 1.5x through 2032, accompanied by a 1.0% increase in the projected CAGR compared to the historical one. This growth is driven by increased concerns about water pollution, harmful algal blooms, and stringent regulatory frameworks regulating water quality.

The market is anticipated to be propelled by sectors such as municipal water treatment, agriculture, aquaculture, and industrial processes seeking effective methods to combat algal proliferation. With a growing emphasis on sustainability and environmental stewardship, the industry is set to surge by 2034, meeting diverse industry needs.

The demand for algae treatment chemicals is growing exponentially as industries prioritize environmental sustainability and regulatory compliance. Concerns regarding algae bloom and water pollution drive the need for efficient algae treatment

technologies for energy generation and food processing, emphasizing chemical algae treatments for sustainable business practices.

Bio-based and sustainable chemicals are gaining traction compared to conventional chemical treatments, fueling market growth. Products derived from renewable resources and with minimal environmental impact are increasingly in demand from consumers, leading companies, and regulatory agencies. Governments worldwide are implementing robust environmental rules and regulations to manage and prevent algae blooms, surging demand for algae treatment chemicals.

Novel chemical formulations, biological therapies, and algae monitoring systems are gaining traction in the industry. There is a growing need for chemicals used in algae treatment due to concerns about pollution in water bodies like lakes, ponds, and other aquatic ecosystems. Algal blooms can negatively impact aquatic ecosystems, human health, and water quality, making efficient remediation methods imperative. The chemicals are widely utilized in wastewater, agriculture, aquaculture, and water treatment, with growing market potential. International funding for water infrastructure projects, particularly from emerging nations, is further projected to boost demand.

The key regions considered for the Global Algae Treatment Chemical Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Algae Treatment Chemical Market in terms of revenue. The growth of the algae treatment chemical market in North America is driven by increasing awareness of water quality, stringent environmental regulations, rising industrial and municipal wastewater treatment needs, technological advancements in treatment methods, and the growing importance of algae control in aquaculture and recreational water bodies. These factors collectively boost demand for effective algae treatment solutions. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period 2024-2032.

Major market players included in this report are:

Applied Biochemists

BioSafe Systems LLC

LG Sonic

Ocean Harvest Technology

SePRO Corporation

BASF SE

Nalco Water (an Ecolab Company)

Kemira Oyj

Solenis LLC

Corteva Agriscience

USA Water Services Corporation

BioPetroClean

Algaecytes Ltd.

Accepta

Evoqua Water Technologies

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

By Product Type:

Algaecides

Coagulants and Flocculants

pH Adjusters

Oxidizers

Biocides

Nutrient Reduction Chemicals

Others

By Algae Type:

Macroalgae

Microalgae

By Form:

Liquid

Solid

By End-use Industry:

Municipal Water Treatment

Industrial Water Treatment

Agriculture

Healthcare and Pharmaceuticals

Food and Beverage

Others

Common content for Report Description:

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

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 ALGAE TREATMENT CHEMICAL MARKET EXECUTIVE SUMMARY

- 1.1. Global Algae Treatment Chemical Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Product Type
 - 1.3.2. By Algae Type
 - 1.3.3. By Form
 - 1.3.4. By End-use Industry
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL ALGAE TREATMENT CHEMICAL MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL ALGAE TREATMENT CHEMICAL MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Increasing Awareness of Water Pollution
- 3.1.2. Stringent Regulatory Frameworks
- 3.1.3. Sustainability and Environmental Stewardship

3.2. Market Challenges

- 3.2.1. High Costs of Algae Treatment Chemicals

3.3. Market Opportunities

- 3.3.1. Novel Chemical Formulations and Biological Therapies
- 3.3.2. Growing Funding for Water Infrastructure Projects

CHAPTER 4. GLOBAL ALGAE TREATMENT CHEMICAL MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ALGAE TREATMENT CHEMICAL MARKET SIZE & FORECASTS BY PRODUCT TYPE 2022-2032

5.1. Segment Dashboard

5.2. Global Algae Treatment Chemical Market: Product Type Revenue Trend Analysis, 2022 & 2032 (USD Million)

5.2.1. Algaecides

5.2.2. Coagulants and Flocculants

5.2.3. pH Adjusters

5.2.4. Oxidizers

5.2.5. Biocides

5.2.6. Nutrient Reduction Chemicals

5.2.7. Others

CHAPTER 6. GLOBAL ALGAE TREATMENT CHEMICAL MARKET SIZE & FORECASTS BY ALGAE TYPE 2022-2032

6.1. Segment Dashboard

6.2. Global Algae Treatment Chemical Market: Algae Type Revenue Trend Analysis, 2022 & 2032 (USD Million)

6.2.1. Macroalgae

6.2.2. Microalgae

CHAPTER 7. GLOBAL ALGAE TREATMENT CHEMICAL MARKET SIZE & FORECASTS BY FORM 2022-2032

7.1. Segment Dashboard

7.2. Global Algae Treatment Chemical Market: Form Revenue Trend Analysis, 2022 & 2032 (USD Million)

7.2.1. Liquid

7.2.2. Solid

CHAPTER 8. GLOBAL ALGAE TREATMENT CHEMICAL MARKET SIZE & FORECASTS BY END-USE INDUSTRY 2022-2032

8.1. Segment Dashboard

8.2. Global Algae Treatment Chemical Market: End-use Industry Revenue Trend Analysis, 2022 & 2032 (USD Million)

8.2.1. Municipal Water Treatment

8.2.2. Industrial Water Treatment

8.2.3. Agriculture

8.2.4. Healthcare and Pharmaceuticals

8.2.5. Food and Beverage

8.2.6. Others

CHAPTER 9. GLOBAL ALGAE TREATMENT CHEMICAL MARKET SIZE & FORECASTS BY REGION 2022-2032

9.1. North America Algae Treatment Chemical Market

9.1.1. U.S. Algae Treatment Chemical Market

9.1.1.1. Product Type breakdown size & forecasts, 2022-2032

9.1.1.2. Algae Type breakdown size & forecasts, 2022-2032

9.1.1.3. Form breakdown size & forecasts, 2022-2032

9.1.1.4. End-use Industry breakdown size & forecasts, 2022-2032

9.1.2. Canada Algae Treatment Chemical Market

9.2. Europe Algae Treatment Chemical Market

9.2.1. U.K. Algae Treatment Chemical Market

9.2.2. Germany Algae Treatment Chemical Market

9.2.3. France Algae Treatment Chemical Market

9.2.4. Spain Algae Treatment Chemical Market

9.2.5. Italy Algae Treatment Chemical Market

9.2.6. Rest of Europe Algae Treatment Chemical Market

9.3. Asia Pacific Algae Treatment Chemical Market

9.3.1. China Algae Treatment Chemical Market

9.3.2. India Algae Treatment Chemical Market

9.3.3. Japan Algae Treatment Chemical Market

9.3.4. Australia Algae Treatment Chemical Market

9.3.5. South Korea Algae Treatment Chemical Market

9.3.6. Rest of Asia Pacific Algae Treatment Chemical Market

9.4. Latin America Algae Treatment Chemical Market

9.4.1. Brazil Algae Treatment Chemical Market

9.4.2. Mexico Algae Treatment Chemical Market

9.4.3. Rest of Latin America Algae Treatment Chemical Market

9.5. Middle East & Africa Algae Treatment Chemical Market

9.5.1. Saudi Arabia Algae Treatment Chemical Market

9.5.2. South Africa Algae Treatment Chemical Market

9.5.3. Rest of Middle East & Africa Algae Treatment Chemical Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

10.1. Key Company SWOT Analysis

- 10.1.1. Company
- 10.1.2. Company
- 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Applied Biochemists
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Market Strategies
 - 10.3.2. BioSafe Systems LLC
 - 10.3.3. LG Sonic
 - 10.3.4. Ocean Harvest Technology
 - 10.3.5. SePRO Corporation
 - 10.3.6. BASF SE
 - 10.3.7. Nalco Water (an Ecolab Company)
 - 10.3.8. Kemira Oyj
 - 10.3.9. Solenis LLC
 - 10.3.10. Corteva Agriscience

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Algae Treatment Chemical market, report scope

TABLE 2. Global Algae Treatment Chemical market estimates & forecasts by Region 2022-2032 (USD Million)

TABLE 3. Global Algae Treatment Chemical market estimates & forecasts by Product Type 2022-2032 (USD Million)

TABLE 4. Global Algae Treatment Chemical market estimates & forecasts by Algae Type 2022-2032 (USD Million)

TABLE 5. Global Algae Treatment Chemical market estimates & forecasts by Form 2022-2032 (USD Million)

TABLE 6. Global Algae Treatment Chemical market estimates & forecasts by End-use Industry 2022-2032 (USD Million)

TABLE 7. Global Algae Treatment Chemical market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Global Algae Treatment Chemical market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Global Algae Treatment Chemical market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Global Algae Treatment Chemical market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. Global Algae Treatment Chemical market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. Global Algae Treatment Chemical market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 13. Global Algae Treatment Chemical market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 14. Global Algae Treatment Chemical market by region, estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. U.S. Algae Treatment Chemical market estimates & forecasts, 2022-2032 (USD Million)

TABLE 16. U.S. Algae Treatment Chemical market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 17. U.S. Algae Treatment Chemical market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 18. Canada Algae Treatment Chemical market estimates & forecasts, 2022-2032 (USD Million)

TABLE 19. Canada Algae Treatment Chemical market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. Canada Algae Treatment Chemical market estimates & forecasts by segment 2022-2032 (USD Million)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Algae Treatment Chemical market, research methodology
- FIG 2. Global Algae Treatment Chemical market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Algae Treatment Chemical market, key trends 2023
- FIG 5. Global Algae Treatment Chemical market, growth prospects 2022-2032
- FIG 6. Global Algae Treatment Chemical market, porters 5 force model
- FIG 7. Global Algae Treatment Chemical market, PESTEL analysis
- FIG 8. Global Algae Treatment Chemical market, value chain analysis
- FIG 9. Global Algae Treatment Chemical market by segment, 2022 & 2032 (USD Million)
- FIG 10. Global Algae Treatment Chemical market by segment, 2022 & 2032 (USD Million)
- FIG 11. Global Algae Treatment Chemical market by segment, 2022 & 2032 (USD Million)
- FIG 12. Global Algae Treatment Chemical market by segment, 2022 & 2032 (USD Million)
- FIG 13. Global Algae Treatment Chemical market by segment, 2022 & 2032 (USD Million)
- FIG 14. Global Algae Treatment Chemical market, regional snapshot 2022 & 2032
- FIG 15. North America Algae Treatment Chemical market 2022 & 2032 (USD Million)
- FIG 16. Europe Algae Treatment Chemical market 2022 & 2032 (USD Million)
- FIG 17. Asia Pacific Algae Treatment Chemical market 2022 & 2032 (USD Million)
- FIG 18. Latin America Algae Treatment Chemical market 2022 & 2032 (USD Million)
- FIG 19. Middle East & Africa Algae Treatment Chemical market 2022 & 2032 (USD Million)
- FIG 20. Global Algae Treatment Chemical market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Algae Treatment Chemical Market Size Study, by Product Type (Algaecides, Coagulants and Flocculants, pH Adjusters, Oxidizers, Biocides, Nutrient Reduction Chemicals, Others), by Algae Type (Macroalgae, Microalgae), by Form (Liquid, Solid), by End-use Industry (Municipal Water Treatment, Industrial Water Treatment, Agriculture, Healthcare and Pharmaceuticals, Food and Beverage, Others) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G36B2E4173B2EN.html>

Price: US\$ 4,950.00 (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/G36B2E4173B2EN.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