

Cooling Water Treatment Chemicals - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 120 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The Cooling Water Treatment Chemicals Market is expected to register a CAGR of greater than 6% during the forecast period.

Key Highlights

- Accelerating power industry growth is expected to drive the studied market growth during the forecast period.
- On the other hand, the increasing popularity of chlorine alternatives is anticipated to hinder the market's growth.
- Shifting focus on developing and using green chemicals is expected to act as an opportunity for market growth.
- Asia-Pacific is anticipated to witness the highest growth over the forecast period, owing to high demand from the end-user industries, such as power, steel, and food & beverage.

Cooling Water Treatment Chemicals Market Trends

Power Industry to Dominate the Market

- The power industry is the largest consumer of cooling water treatment chemicals, owing to the high water requirement of the industry and the need to preserve freshwater resources.
- Power industries, such as thermal and nuclear plants, often use seawater for cooling and are equipped with anti-corrosion heat exchange equipment.
- The demand for cooling water treatment chemicals is increasing, particularly in open-recirculating (in cooling towers), closed-loop, and once-thru systems, to maximize heat transfer efficiency in the heat exchange equipment.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- The increasing number of nuclear plants worldwide, coupled with the need to maintain the existing plants, is expected to augment the usage of cooling water treatment chemicals.
- According to the International Atomic Energy Agency, the amount of nuclear energy produced globally increased by over 4% to 2,653 TWh in 2021, supporting the market growth significantly.
- Therefore, owing to the abovementioned factors, the cooling water treatment market is expected to grow significantly during the forecast period.

Asia-Pacific to Witness the Highest Growth Rate

- Asia-Pacific dominated the demand for cooling water treatment chemicals and is projected to witness the highest growth over the forecast period.
- Countries such as China, Japan, and India in the APAC region account for the significant consumption of cooling water treatment chemicals owing to massive demand from the power industry, mining & metallurgy, textile, and many other industries.
- According to the National Bureau of Statistics of China, the country manufactured 3.18 billion m of textile for garments as of October 2022. The volume of textiles produced monthly was consistently greater than three billion m. Hence positively impacting the market growth.
- Further, the power generation industry is also expanding significantly. For example, India's power generation capacity increased to around 400 GW in 2022. As a result, with the expansion of generation capacity, the demand for cooling water treatment chemicals is expected to rise during the forecast period.
- Thus, the abovementioned factors will likely drive the growth of the studied market in the region over the forecast period.

Cooling Water Treatment Chemicals Industry Overview

The global water treatment chemicals market is fragmented in nature. Some of the major players in the market include Suez, Kemira, Solenis, Ecolab, and DuPont, among others (in no particular order).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

1.1 Study Assumptions

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

4.1 Drivers

4.1.1 Accelerating Growth of the Power Industry

4.1.2 Growing Popularity of Zero-liquid Blowdown

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

4.2 Restraints

4.2.1 Lack of Awareness about Cooling Water Treatment

4.2.2 Increasing Popularity of Chlorine Alternatives

4.3 Industry Value-Chain Analysis

4.4 Porter's Five Forces Analysis

4.4.1 Bargaining Power of Suppliers

4.4.2 Bargaining Power of Consumers

4.4.3 Threat of New Entrants

4.4.4 Threat of Substitute Products and Services

4.4.5 Degree of Competition

5 MARKET SEGMENTATION (Market Size in Value)

5.1 Type

5.1.1 Corrosion Inhibitor

5.1.2 Scale Inhibitor

5.1.3 Biocide

5.1.4 Other Types

5.2 End-user Industry

5.2.1 Power Industry

5.2.2 Steel, Mining & Metallurgy

5.2.3 Petrochemicals and Oil and Gas

5.2.4 Food and Beverage

5.2.5 Textile and Dyes

5.2.6 Other End-user Industries

5.3 Geography

5.3.1 Asia-Pacific

5.3.1.1 China

5.3.1.2 India

5.3.1.3 Japan

5.3.1.4 South Korea

5.3.1.5 Rest of Asia-Pacific

5.3.2 North America

5.3.2.1 United States

5.3.2.2 Canada

5.3.2.3 Mexico

5.3.3 Europe

5.3.3.1 Germany

5.3.3.2 United Kingdom

5.3.3.3 France

5.3.3.4 Italy

5.3.3.5 Rest of Europe

5.3.4 South America

5.3.4.1 Brazil

5.3.4.2 Argentina

5.3.4.3 Rest of South America

5.3.5 Middle East & Africa

5.3.5.1 Saudi Arabia

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.3.5.2 South Africa

5.3.5.3 Rest of Middle East & Africa

6 COMPETITIVE LANDSCAPE

6.1 Mergers & Acquisitions, Joint Ventures, Collaborations, and Agreements

6.2 Market Share(%)**/Ranking Analysis

6.3 Strategies Adopted by Leading Players

6.4 Company Profiles

6.4.1 Albemarle Corporation

6.4.2 Buckman

6.4.3 Chemtex Speciality Limited

6.4.4 Chemtrade Logistics

6.4.5 DuBois Chemicals

6.4.6 DuPont

6.4.7 Ecolab

6.4.8 Veolia

6.4.9 Kemira

6.4.10 Nouryon

6.4.11 Solenis

6.4.12 Suez

6.4.13 Thermax Limited

6.4.14 Italmatch Chemicals

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

7.1 Shifting Focus Toward the Usage of Green Chemicals

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Cooling Water Treatment Chemicals - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 120 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-28"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

