

Aluminum Chloride Hexahydrate Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 – 2034

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Abstracts

The Global Aluminum Chloride Hexahydrate Market was valued at USD 820.8 million in 2024 and is projected to experience robust growth at a CAGR of 5.2% from 2025 to 2034. One of the key factors driving this market expansion is the rising demand for water treatment chemicals. Aluminum chloride hexahydrate is widely used as a coagulant in both municipal and industrial water purification processes. This growing demand is fueled by stricter environmental regulations and the increasing global focus on sustainable water management solutions.

Beyond water treatment, the pharmaceutical sector is increasingly adopting aluminum chloride hexahydrate, particularly for treating conditions like hyperhidrosis, a disorder characterized by excessive sweating. Its effectiveness in managing hyperhidrosis and incorporation into skincare products has boosted its presence in the healthcare industry. This growing use in medical treatments is helping to expand the product's application scope, leading to greater market opportunities.

The aluminum chloride hexahydrate market is categorized by purity levels, with the 97-99% grade dominating the market in 2025, expected to account for USD 543.4 million. This grade is highly favored across various industries, including water treatment, chemicals, and cosmetics, due to its cost-effectiveness and reliable performance. It is commonly used in water treatment processes and the production of personal care products such as antiperspirants. Although the over 99% purity grade is gaining popularity in specialized areas like pharmaceuticals, the 97-99% grade remains the market leader due to its versatility and wide industrial applications.

The market is also segmented by end-use industries, with pharmaceuticals and

healthcare leading in market share, contributing to 39.2% of the total market in 2024. This dominance is primarily driven by the growing use of aluminum chloride hexahydrate for treating hyperhidrosis and its increasing role in medical and skincare formulations. The pharmaceutical industry's demand for safe and effective treatments for sweating disorders is expected to continue supporting the growth of this segment in the coming years.

In the United States, the aluminum chloride hexahydrate market is expected to generate USD 222.5 million in 2024. This growth is largely attributed to the rising demand from the pharmaceutical, water treatment, and cosmetics sectors. The compound's widespread use in treating hyperhidrosis, along with its role in various industrial processes, is driving significant market growth. Additionally, the increasing consumer preference for high-quality personal care products is fueling demand for aluminum chloride hexahydrate in the cosmetics industry, further supporting revenue growth in the U.S. market.

Contents

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definition
- 1.2 Base estimates & 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 synopsis, 2021-2034

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain
 - 3.1.2 Profit margin analysis
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
 - 3.6.1 Growth drivers
 - 3.6.1.1 Increasing demand for water treatment chemicals in industrial and municipal sectors
 - 3.6.1.2 Rising use in pharmaceutical applications for hyperhidrosis treatments
 - 3.6.1.3 Expansion of the cosmetics industry, driving demand for antiperspirants
 - 3.6.2 Industry pitfalls & challenges
 - 3.6.2.1 Stringent regulatory frameworks regarding chemical handling and usage
 - 3.6.2.2 High production costs associated with pharmaceutical and cosmetic grades

3.7 Growth potential analysis

3.8 Porter's analysis

3.9 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

4.1 Introduction

4.2 Company market share analysis

4.3 Competitive positioning matrix

4.4 Strategic outlook matrix

CHAPTER 5 MARKET SIZE AND FORECAST, BY PURITY, 2021-2034 (USD MILLION, KILO TONS)

5.1 Key trends

5.2 97-99%

5.3 More than 99%

CHAPTER 6 MARKET SIZE AND FORECAST, BY END USE INDUSTRY, 2021-2034 (USD MILLION, KILO TONS)

6.1 Key trends

6.2 Pharmaceuticals and healthcare

6.3 Chemical

6.4 Water treatment

6.5 Cosmetics and personal care

6.6 Others

CHAPTER 7 MARKET SIZE AND FORECAST, BY REGION, 2021-2034 (USD MILLION, KILO TONS)

7.1 Key trends

7.2 North America

7.2.1 U.S.

7.2.2 Canada

7.3 Europe

7.3.1 UK

7.3.2 Germany

7.3.3 France

- 7.3.4 Italy
- 7.3.5 Spain
- 7.3.6 Russia
- 7.4 Asia Pacific
 - 7.4.1 China
 - 7.4.2 India
 - 7.4.3 Japan
 - 7.4.4 South Korea
 - 7.4.5 Australia
- 7.5 Latin America
 - 7.5.1 Brazil
 - 7.5.2 Mexico
- 7.6 MEA
 - 7.6.1 South Africa
 - 7.6.2 Saudi Arabia
 - 7.6.3 UAE

CHAPTER 8 COMPANY PROFILES

- 8.1 Base Metal Group
- 8.2 Central Drug House
- 8.3 GFS Chemical
- 8.4 Glentham
- 8.5 Honeywell International
- 8.6 IRO Group
- 8.7 Loba Chemie
- 8.8 Nandkrishna Chemical
- 8.9 Noah Chemicals
- 8.10 Sisco Research Laboratories

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