

Global Alumina Trihydrate Market Size study & Forecast, by Form (Dry, Wet) by End-use (Chemical Manufacturing, Plastics, Automotive, Construction, Other End-uses) and Regional Analysis, 2023-2030

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Abstracts

Global Alumina Trihydrate Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Alumina trihydrate (ATH) is a white, crystalline powder that is also known as aluminum trihydroxide or simply hydrate. It is derived from bauxite ore through the Bayer process, which involves the extraction of aluminum oxide from bauxite and subsequent precipitation of alumina trihydrate. ATH has several notable properties, including flame retardancy, low toxicity, and high thermal stability, making it useful in various applications. Some common applications of alumina trihydrate include flame retardant, filler in plastics and rubber, surface coatings, and others. The key factors driving the market growth are increasing demand in flame retardant applications, growth in construction and building industry, expanding automotive sector, and growing demand for alumina trihydrate in the paints & coatings industry that anticipated to support the market growth during forecast period 2023-2030.

Additionally, the growing demand for flame retardants has been a significant driver for the alumina trihydrate market. Flame retardants are substances added to materials to inhibit or resist the spread of fire. Alumina trihydrate (ATH) is widely used as a flame retardant in various industries, and the increasing demand for flame-retardant materials is supporting the growth of the alumina trihydrate market. According to Statista, in 2021, the market size of flame retardants worldwide was USD 8,204.43 million and it is anticipated to reach USD 12,958.8 million by 2029. As a result, the growing flame retardants globally is anticipated to support the market growth. Moreover, use of aluminum hydroxide in water treatment plants, and Growing use of polymers in the

automotive industry is anticipated to create the lucrative opportunity for the market for the market during projected period 2023-2030. However, the availability of magnesium hydroxide and other alternative products stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Alumina Trihydrate Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share owing to the growth of the construction and infrastructure sectors, continuous research and development efforts to improve the properties and applications of alumina trihydrate, and shift towards halogen-free flame retardants. Whereas, Asia Pacific region is expected to grow at fastest growth rate during the forecast period, owing to factors such as the increasing construction and infrastructure development, stringent fire safety regulations, expansion of electronics and electrical industry, and presence of regulations and standards promoting the use of flame retardants in various industries has boosted the demand for alumina trihydrate.

Major market player included in this report are:

Sumitomo Chemical Co. Ltd.

Aluminum Corp. of China Ltd.

Nabaltec AG

National Aluminium Company Ltd.

Huber Engineered Materials

SCR Sibelco NV

R.J. Marshall Company

Alteo

Southern Ionics Incorporated

Alumina Chemicals and Castables

Recent Developments in the Market:

In September 2020, The Fire-Retardant Additives division of Huber Engineered Materials (HEM) announced its plans for a major sustainability project and substantial investment in a new power plant at its Martinswerk facility in Bergheim, Germany.

Global Alumina Trihydrate Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered – Form, End-use, Region

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

Customization Scope - Free report customization (equivalent up to 8 analyst's 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 to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Form:

Dry

Wet

By End-use:

Chemical Manufacturing

Plastics

Automotive

Construction

Other End-uses

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

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Alumina Trihydrate Market, by region, 2020-2030 (USD Billion)
 - 1.2.2. Alumina Trihydrate Market, by Form, 2020-2030 (USD Billion)
 - 1.2.3. Alumina Trihydrate Market, by End-use, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ALUMINA TRIHYDRATE MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL ALUMINA TRIHYDRATE MARKET DYNAMICS

- 3.1. Alumina Trihydrate Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing demand in flame retardant applications
 - 3.1.1.2. Growth in construction and building industry
 - 3.1.1.3. Expanding automotive sector
 - 3.1.1.4. Growing demand for alumina trihydrate in the paints & coatings industry
 - 3.1.2. Market Challenges
 - 3.1.2.1. Availability of magnesium hydroxide and other alternative products
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Use of aluminium hydroxide in water treatment plants
 - 3.1.3.2. Growing use of polymers in the automotive industry

CHAPTER 4. GLOBAL ALUMINA TRIHYDRATE 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
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economic
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ALUMINA TRIHYDRATE MARKET, BY FORM

- 5.1. Market Snapshot
- 5.2. Global Alumina Trihydrate Market by Form, Performance - Potential Analysis
- 5.3. Global Alumina Trihydrate Market Estimates & Forecasts by Form 2020-2030 (USD Billion)
- 5.4. Alumina Trihydrate Market, Sub Segment Analysis
 - 5.4.1. Dry
 - 5.4.2. Wet

CHAPTER 6. GLOBAL ALUMINA TRIHYDRATE MARKET, BY END-USE

- 6.1. Market Snapshot
- 6.2. Global Alumina Trihydrate Market by End-use, Performance - Potential Analysis
- 6.3. Global Alumina Trihydrate Market Estimates & Forecasts by End-use 2020-2030 (USD Billion)
- 6.4. Alumina Trihydrate Market, Sub Segment Analysis
 - 6.4.1. Chemical Manufacturing
 - 6.4.2. Plastics

- 6.4.3. Automotive
- 6.4.4. Construction
- 6.4.5. Other End-uses

CHAPTER 7. GLOBAL ALUMINA TRIHYDRATE MARKET, REGIONAL ANALYSIS

- 7.1. Top Leading Countries
- 7.2. Top Emerging Countries
- 7.3. Alumina Trihydrate Market, Regional Market Snapshot
- 7.4. North America Alumina Trihydrate Market
 - 7.4.1. U.S. Alumina Trihydrate Market
 - 7.4.1.1. Form breakdown estimates & forecasts, 2020-2030
 - 7.4.1.2. End-use breakdown estimates & forecasts, 2020-2030
 - 7.4.2. Canada Alumina Trihydrate Market
- 7.5. Europe Alumina Trihydrate Market Snapshot
 - 7.5.1. U.K. Alumina Trihydrate Market
 - 7.5.2. Germany Alumina Trihydrate Market
 - 7.5.3. France Alumina Trihydrate Market
 - 7.5.4. Spain Alumina Trihydrate Market
 - 7.5.5. Italy Alumina Trihydrate Market
 - 7.5.6. Rest of Europe Alumina Trihydrate Market
- 7.6. Asia-Pacific Alumina Trihydrate Market Snapshot
 - 7.6.1. China Alumina Trihydrate Market
 - 7.6.2. India Alumina Trihydrate Market
 - 7.6.3. Japan Alumina Trihydrate Market
 - 7.6.4. Australia Alumina Trihydrate Market
 - 7.6.5. South Korea Alumina Trihydrate Market
 - 7.6.6. Rest of Asia Pacific Alumina Trihydrate Market
- 7.7. Latin America Alumina Trihydrate Market Snapshot
 - 7.7.1. Brazil Alumina Trihydrate Market
 - 7.7.2. Mexico Alumina Trihydrate Market
- 7.8. Middle East & Africa Alumina Trihydrate Market
 - 7.8.1. Saudi Arabia Alumina Trihydrate Market
 - 7.8.2. South Africa Alumina Trihydrate Market
 - 7.8.3. Rest of Middle East & Africa Alumina Trihydrate Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis

- 8.1.1. Company
- 8.1.2. Company
- 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Sumitomo Chemical Co. Ltd.
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Recent Developments
 - 8.3.2. Aluminum Corp. of China Ltd.
 - 8.3.3. Nabaltec AG
 - 8.3.4. National Aluminium Company Ltd.
 - 8.3.5. Huber Engineered Materials
 - 8.3.6. SCR Sibelco NV
 - 8.3.7. R.J. Marshall Company
 - 8.3.8. Alteo
 - 8.3.9. Southern Ionics Incorporated
 - 8.3.10. Alumina Chemicals and Castables

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Alumina Trihydrate Market, report scope

TABLE 2. Global Alumina Trihydrate Market estimates & forecasts by region 2020-2030 (USD Billion)

TABLE 3. Global Alumina Trihydrate Market estimates & forecasts by Form 2020-2030 (USD Billion)

TABLE 4. Global Alumina Trihydrate Market estimates & forecasts by End-use 2020-2030 (USD Billion)

TABLE 5. Global Alumina Trihydrate Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 6. Global Alumina Trihydrate Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Alumina Trihydrate Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Alumina Trihydrate Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Alumina Trihydrate Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Alumina Trihydrate Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Alumina Trihydrate Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Alumina Trihydrate Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Alumina Trihydrate Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Alumina Trihydrate Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. U.S. Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 17. U.S. Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. Canada Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 19. Canada Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Alumina Trihydrate Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. China Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Alumina Trihydrate Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Alumina Trihydrate Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 59. Brazil Alumina Trihydrate Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 60. Mexico Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 61. Mexico Alumina Trihydrate Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 62. Mexico Alumina Trihydrate Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 63. RoLA Alumina Trihydrate Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 64. RoLA Alumina Trihydrate Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 65. RoLA Alumina Trihydrate Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Alumina Trihydrate Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 67. South Africa Alumina Trihydrate Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 68. RoMEA Alumina Trihydrate Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Alumina Trihydrate
Market

TABLE 70. List of primary sources, used in the study of global Alumina Trihydrate
Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final
deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Alumina Trihydrate Market, research methodology
 - FIG 2. Global Alumina Trihydrate Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Alumina Trihydrate Market, key trends 2022
 - FIG 5. Global Alumina Trihydrate Market, growth prospects 2023-2030
 - FIG 6. Global Alumina Trihydrate Market, porters 5 force model
 - FIG 7. Global Alumina Trihydrate Market, pest analysis
 - FIG 8. Global Alumina Trihydrate Market, value chain analysis
 - FIG 9. Global Alumina Trihydrate Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Alumina Trihydrate Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Alumina Trihydrate Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Alumina Trihydrate Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Alumina Trihydrate Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Alumina Trihydrate Market, regional snapshot 2020 & 2030
 - FIG 15. North America Alumina Trihydrate Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Alumina Trihydrate Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Alumina Trihydrate Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Alumina Trihydrate Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Alumina Trihydrate Market 2020 & 2030 (USD Billion)
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