

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

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