

**India Ammonium Nitrate Market, By Solids (High Density Ammonium Nitrate v/s Low Density Ammonium Nitrate), By Application (Fertilizers, Explosives, Others), By End User Industry (Agriculture, Mining, Defense, Others), and By Region, Competition Forecast and Opportunities, 2027**

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**Report description:**

India ammonium nitrate market is anticipated to register growth with an impressive CAGR in the forecast period, 2023-2027. The market growth can be attributed to the rising demand for ammonium nitrate in the agricultural sector as it helps in producing adequate amount of food. Moreover, the growing concerns towards the limited arable and the rapidly growing population have prompted the farmers to adopt quality fertilizers such as ammonium nitrate to secure the surging food demand. Besides this, the rapidly growing construction activities across the globe, particularly in the urban areas, has significantly proliferated the demand for explosives. Furthermore, the rising production and demand for manganese, bauxite, and base materials are anticipated to propel the need for blasting products, hence driving the demand for ammonium nitrate. In line with this, the high investments by the leading mining companies to explore new mining sites for valuable minerals and metals is expected to further augment the growth of the India ammonium nitrate market.

Ammonium nitrate refers to a white crystalline solid chemical compound that is widely utilized as a fertilizer and as a component in some explosives. It is composed of ammonium and nitrate and is highly soluble in water. In the agriculture industry, it is extensively utilized as a high-nitrogen fertilizer. Ammonium nitrate is also used as an absorbent for nitrogen oxides and as an oxidizer in rocket propellants. It is further utilized in explosives for blasting rocks and in mining.

Rapidly Growing Agriculture Industry, Along with Surging Demand for Quality Food, Fuels the Market Growth.

With the growing population and inflating disposable income of consumers, the demand for quality food has increased. According to Ministry of Statistics and Programme Implementation, India ranks as the second most populous country in the world after China. It is projected that India is most likely to take over China to become the most populous country in the world by 2027 with the population of 1,27 billion people. Fertilizers contain a crucial macronutrient, nitrogen. Nitrogen fertilizers are extensively

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utilized in the agricultural industry for crop growth. Rapid urbanization, rise in disposable income, and changes in dietary behavior such as preferences for quality and nutritive agricultural products have collectively influenced food security. As a result, farmers across the world are focusing on increasing the crop production to cater to such bolstering food demands. Moreover, the limited availability of arable land has significantly enhanced the adoption of fertilizers, which in turn is providing a boost to the India ammonium nitrate market.

#### Increasing Construction & Mining Activities Propels the Product Demand

As stated above, with the increasing population, especially the rise in urban population, the need for building residential buildings has increased. Both government and private sectors are investing intensively in building residential infrastructures to cater to the propelling demand for the residential sector. Moreover, the aim of the Indian government to transform cities into smart cities is also adding to the growth of the construction industry. Ammonium nitrate is widely utilized in the construction of buildings. Apart from this, several mining companies are also increasingly using ammonium nitrate to explore new mining sites in search of valuable material. Ammonium nitrate is the primary component of slurry explosives, and low-density ammonium nitrate is widely employed in mining activities. It is intentionally made very porous to allow for the rapid uptake of liquid fuel oil.

#### Market Segmentation

The India ammonium nitrate market is segmented on the basis of solids, application, end-user, competitive landscape, and regional distribution. Based on solids, the market is differentiated between high density ammonium nitrate and low-density ammonium nitrate. By application the market is bifurcated into fertilizers, explosives, and others. Based on end-users the market is fragmented into agriculture, mining, defense, and others. The market analysis also studies the regional segmentation to devise regional market segmentation, divided among North India, South India, East India, West India.

#### Company Profile

Deepak Fertilizers and Petrochemicals Corporation Limited, Rashtriya Chemicals & Fertilizers Ltd., National Fertilizers Limited, and Gujarat Narmada Valley Fertilizers & Chemicals Company of the leading market players responsible for the growth of India ammonium nitrate market.

#### Report Scope:

In this report, India ammonium nitrate market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

-□ India Ammonium Nitrate Market, By Solids:

o□ High Density Ammonium Nitrate

o□ Low Density Ammonium Nitrate

-□ India Ammonium Nitrate Market, By Applications:

o□ Fertilizers

o□ Explosives

o□ Others

-□ India Ammonium Nitrate Market, By End User:

o□ Agriculture

o□ Mining

o□ Defense

o□ Others

-□ India Ammonium Nitrate Market, By Region:

o□ East India

o□ West India

o□ North India

o□ South India

#### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in India Ammonium Nitrate Market.

Available Customizations:

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With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

-□Detailed analysis and profiling of additional market players (up to five).

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(Note: The companies list can be customized based on the client requirements.)

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