

Global Ammonium Thiosulfate Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GAF55CBD1617EN.html>

Date: June 2025

Pages: 110

Price: US\$ 3,480.00 (Single User License)

ID: GAF55CBD1617EN

Abstracts

According to our (Global Info Research) latest study, the global Ammonium Thiosulfate market size was valued at US\$ 494 million in 2024 and is forecast to a readjusted size of USD 679 million by 2031 with a CAGR of 4.7% during review period.

Ammonium Thiosulfate (ATS) is a widely used chemical compound, primarily employed in agricultural settings as a liquid fertilizer. It typically appears as a clear, colorless liquid that contains 12% nitrogen (N) and 26% sulfur (S), essential nutrients for plant growth. ATS is known for its excellent compatibility with other fertilizers, including nitrogen solutions and NPK (nitrogen, phosphorus, potassium) liquid blends. This compatibility, combined with its neutral to slightly acidic reaction, makes it a preferred choice for various liquid fertilizer applications, particularly in clear liquid and suspension formulations. In addition to its liquid form, ammonium thiosulfate also exists in a solid crystalline form, which has a noticeable ammonia odor. Both forms are used to deliver essential sulfur and nitrogen to plants, helping to correct sulfur deficiencies in soils and improving crop yield and quality.

Market Concentration and Key Players

The global ammonium thiosulfate market is concentrated among several major manufacturers, with key players including Tessenderlo Group, Bunge, Martin Midstream Partners, and Interoceanic Corporation. These companies dominate the market by producing large quantities of ATS, meeting the demands of the agricultural sector, which relies heavily on sulfur-based fertilizers. North America is the largest market for ammonium thiosulfate, accounting for approximately 70% of global consumption. This dominance is driven by the extensive agricultural land in countries like the United States

and Canada, where ATS is frequently used for crops such as corn, wheat, and soybeans. Europe also holds a significant market share, followed by South America, the Middle East, and Africa. These regions collectively account for over 20% of the global market, driven by growing agricultural activities and the need for efficient crop nutrition in sulfur-deficient soils.

Market Trends and Future Outlook

Ammonium thiosulfate is predominantly used in its liquid form, which constitutes around 80% of the overall market. The liquid form is favored for its ease of application and compatibility with modern farming practices, including precision agriculture techniques. The largest application of ATS is in grain fertilizer, reflecting the critical role it plays in supporting staple food crops like rice, corn, and wheat. As global food demand continues to rise, driven by population growth and changing dietary patterns, the use of ATS in agriculture is expected to increase. In addition to grain crops, ATS is also used for cash crops and various other agricultural applications, as well as some industrial uses.

Recent trends in the agricultural industry, including the increasing focus on sustainable farming and soil health, have further boosted the demand for ammonium thiosulfate. Sulfur deficiencies in soils, particularly in regions that practice intensive farming, are becoming more widespread. ATS provides an efficient solution to these deficiencies, helping to enhance crop yields and nutrient uptake. Furthermore, as precision agriculture and environmentally conscious farming practices become more prevalent, farmers are seeking more efficient and sustainable ways to deliver nutrients to crops. This trend is expected to drive further growth in the ATS market in the coming years, with increasing adoption in both developed and emerging agricultural regions.

This report is a detailed and comprehensive analysis for global Ammonium Thiosulfate market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Ammonium Thiosulfate market size and forecasts, in consumption value (\$

Million), sales quantity (K MT), and average selling prices (USD/MT), 2020-2031

Global Ammonium Thiosulfate market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2020-2031

Global Ammonium Thiosulfate market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2020-2031

Global Ammonium Thiosulfate market shares of main players, shipments in revenue (\$ Million), sales quantity (K MT), and ASP (USD/MT), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Ammonium Thiosulfate

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Ammonium Thiosulfate market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Tessenderlo Group, Martin Midstream Partners, Poole Agribusiness, TIB Chemicals, Interoceanic Corporation, Koch Fertilizer, Mears Fertilizer, Kugler, R.W. Griffin, Plant Food, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Ammonium Thiosulfate market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Ammonium Thiosulfate Solid

Ammonium Thiosulfate Liquid

Market segment by Application

Grain Fertilizer

Cash Crop Fertilizer

Other Agricultural

Industrial

Major players covered

Tessenderlo Group

Martin Midstream Partners

Poole Agribusiness

TIB Chemicals

Interoceanic Corporation

Koch Fertilizer

Mears Fertilizer

Kugler

R.W. Griffin

Plant Food

Hydrite Chemical

Haimen Wuyang Chemical

Juan Messina

Shakti Chemicals

Bunge

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Ammonium Thiosulfate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ammonium Thiosulfate, with price, sales quantity, revenue, and global market share of Ammonium Thiosulfate from 2020 to 2025.

Chapter 3, the Ammonium Thiosulfate competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ammonium Thiosulfate breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Ammonium Thiosulfate market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Ammonium Thiosulfate.

Chapter 14 and 15, to describe Ammonium Thiosulfate sales channel, distributors, customers, research findings and conclusion.

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