

Global Hydroxyphosphono Acetic Acid Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Hydroxyphosphono Acetic Acid market size was valued at US\$ 315 million in 2025 and is forecast to a readjusted size of US\$ 467 million by 2032 with a CAGR of 5.8% during review period.

Hydroxyphosphono Acetic Acid (HPAA) is an organophosphorus compound widely used as a scale inhibitor, corrosion inhibitor, chelating agent, and stabilizer in industrial water treatment, oilfield chemicals, detergents, metal cleaning formulations, and textile processing. It is particularly valued for its excellent calcium carbonate and metal ion sequestration performance, thermal stability, and compatibility with other water treatment additives. The supply chain begins upstream with the production of key raw materials such as phosphorous acid, glyoxylic acid (or related aldehyde intermediates), phosphorus trichloride, caustic soda, and specialty catalysts. Midstream manufacturers synthesize HPAA through controlled phosphonomethylation and oxidation reactions, followed by purification, concentration, and formulation into liquid or solid grades. Downstream, HPAA is supplied to water treatment chemical formulators, oil & gas service companies, industrial cleaning chemical producers, pulp & paper manufacturers, textile processing plants, power generation facilities, and metalworking industries, where it is used to prevent scale formation, reduce corrosion, improve process efficiency, and extend equipment service life. In 2025, global Hydroxyphosphono Acetic Acid output was about 180,000 tons with 220,000 tons of capacity, average prices of USD 1,500?2,800 per ton, and gross margins around 24%.

This report is a detailed and comprehensive analysis for global Hydroxyphosphono Acetic Acid 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 Hydroxyphosphono Acetic Acid market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Hydroxyphosphono Acetic Acid market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Hydroxyphosphono Acetic Acid market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Hydroxyphosphono Acetic Acid market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

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 Hydroxyphosphono Acetic Acid

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 Hydroxyphosphono Acetic Acid 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 Compass Chemical (USA), Lanxess (Germany), BASF (Germany), Evonik (Germany), Arkema (France), Nouryon (Netherlands), Italmatch Chemicals (Italy), Kurita Industries (Japan), Kerui Chemicals (China), Shandong Taihe Technologies (China), etc.

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

Market Segmentation

Hydroxyphosphono Acetic Acid market is split by Type and by Application. For the period 2021-2032, 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

Technical Grade

Industrial Grade

High-Purity Grade

Market segment by pH Value

0-2

2-5

>5

Market segment by Application

Water Treatment

Oil & Gas

Power Generation

Chemical Processing

Pulp & Textile

Metal Processing

Others

Major players covered

Compass Chemical (USA)

Lanxess (Germany)

BASF (Germany)

Evonik (Germany)

Arkema (France)

Nouryon (Netherlands)

Italmatch Chemicals (Italy)

Kurita Industries (Japan)

Kerui Chemicals (China)

Shandong Taihe Technologies (China)

Henan Qingshuiyuan Technology (China)

Aquapharm Chemicals (India)

Excel Industries (India)

Chembond Chemicals (India)

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 Hydroxyphosphono Acetic Acid product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hydroxyphosphono Acetic Acid, with price, sales quantity, revenue, and global market share of Hydroxyphosphono Acetic Acid from 2021 to 2026.

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

Chapter 4, the Hydroxyphosphono Acetic Acid breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Hydroxyphosphono Acetic Acid market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Hydroxyphosphono Acetic Acid.

Chapter 14 and 15, to describe Hydroxyphosphono Acetic Acid sales channel, distributors, customers, research findings and conclusion.

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