

Global Vanadium-Based Sulfuric Acid Catalysts Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GFD7502D8376EN.html>

Date: June 2026

Pages: 91

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

ID: GFD7502D8376EN

Abstracts

According to our (Global Info Research) latest study, the global Vanadium-Based Sulfuric Acid Catalysts market size was valued at US\$ 317 million in 2025 and is forecast to a readjusted size of US\$ 461 million by 2032 with a CAGR of 5.6% during review period.

Vanadium-Based Sulfuric Acid Catalysts refer to a broader category of catalysts used in sulfuric acid production that contain vanadium as the active metal. This includes pure vanadium pentoxide catalysts as well as formulations with promoters (like potassium or cesium).

The upstream raw materials for vanadium-based sulfuric acid catalysts are mainly vanadium compounds, alkali metal promoters, silica based supports, sulfate forming materials, and shaping auxiliaries. Vanadium pentoxide or vanadate salts are typically used as the core vanadium source, while potassium salts are the conventional promoter and cesium salts are used in higher activity or lower temperature catalyst grades. Silica, silica gel, diatomaceous silica, or other porous siliceous materials provide the carrier framework, pore structure, and mechanical strength. Sulfate related materials help form the active alkali vanadium sulfate or vanadium pyrosulfate phase under operating conditions. Binders, pore modifiers, lubricants, and strength enhancing additives are also used to control extrusion, surface area, attrition resistance, pressure drop, and catalyst life.

In 2025, global sales of vanadium-based sulfuric acid catalyst reached approximately 45 K tons, with an average global market price of around US\$ 6,863/ton. Production capacity varies significantly among manufacturers, with gross profit margins ranging

from approximately 20% to 40%.

Vanadium-Based Sulfuric Acid Catalysts remain the mainstream catalyst system for the contact process because sulfuric acid plants require stable SO₂ to SO₃ conversion, long operating cycles, controlled pressure drop, and reliable compliance with emission requirements. Demand is closely tied to the installed base and operating load of sulfuric acid units in fertilizers, non-ferrous smelting, chemicals, petroleum refining, and spent acid regeneration. Since catalysts are consumed mainly through periodic replacement and performance upgrading rather than one-time equipment sales, the market has a relatively stable replacement demand base, while incremental demand comes from new acid plants, capacity debottlenecking, and stricter environmental operation standards.

The market is gradually shifting from standard vanadium potassium formulations toward higher performance grades, especially cesium promoted, low temperature, low pressure drop, dust tolerant, and geometry optimized catalysts. This does not mean the industry is moving away from vanadium chemistry; rather, suppliers are improving the same vanadium based platform through promoter selection, active phase optimization, carrier structure, and catalyst shape. Cesium promoted catalysts are used where lower ignition temperature, faster startup, lower stack emissions, or improved conversion in constrained converter beds are required. At the same time, shaped catalysts and newer open structure designs address pressure drop, dust accumulation, energy efficiency, and plant capacity limitations. Therefore, the competitive focus of the industry is less about replacing vanadium as the active element and more about extending catalyst life, improving low temperature activity, reducing emissions, lowering energy loss, and supporting plant upgrades.

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

Global Vanadium-Based Sulfuric Acid Catalysts market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Vanadium-Based Sulfuric Acid Catalysts market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Vanadium-Based Sulfuric Acid Catalysts market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), 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 Vanadium-Based Sulfuric Acid Catalysts

- 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 Vanadium-Based Sulfuric Acid Catalysts 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 Topsoe, BASF, Elesent Clean Technologies, S?d-Chemie India, Xiangyang Jingxin Catalyst, Guizhou Wylton Catalytic Technology, Kaifeng Sanfeng Catalyst, Nanjing Yungao New Type Materials, etc.

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

Market Segmentation

Vanadium-Based Sulfuric Acid Catalysts 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

Potassium-Promoted Catalysts

Cesium-Promoted Catalysts

Market segment by Operating Temperature

Standard Temperature Catalyst (400-630°C)

Low Temperature Catalyst (370°C)

Ultra Low Ignition Catalyst (320-330°C)

Market segment by Feed Gas Source

Sulfur Burning Acid Plant Catalyst

Metallurgical Off Gas Catalyst

Other

Market segment by Application

Contact Process

WSA Process

Other

Major players covered

Topsoe

BASF

Elessent Clean Technologies

S?d-Chemie India

Xiangyang Jingxin Catalyst

Guizhou Wylton Catalytic Technology

Kaifeng Sanfeng Catalyst

Nanjing Yungao New Type Materials

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 Vanadium-Based Sulfuric Acid Catalysts product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vanadium-Based Sulfuric Acid Catalysts, with price, sales quantity, revenue, and global market share of Vanadium-Based Sulfuric Acid Catalysts from 2021 to 2026.

Chapter 3, the Vanadium-Based Sulfuric Acid Catalysts competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Vanadium-Based Sulfuric Acid Catalysts 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 Vanadium-Based Sulfuric Acid Catalysts 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 Vanadium-Based Sulfuric Acid Catalysts.

Chapter 14 and 15, to describe Vanadium-Based Sulfuric Acid Catalysts sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Potassium-Promoted Catalysts

1.3.3 Cesium-Promoted Catalysts

1.4 Market Analysis by Operating Temperature

1.4.1 Overview: Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Operating Temperature: 2021 Versus 2025 Versus 2032

1.4.2 Standard Temperature Catalyst (400-630°C)

1.4.3 Low Temperature Catalyst (370°C)

1.4.4 Ultra Low Ignition Catalyst (320-330°C)

1.5 Market Analysis by Feed Gas Source

1.5.1 Overview: Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Feed Gas Source: 2021 Versus 2025 Versus 2032

1.5.2 Sulfur Burning Acid Plant Catalyst

1.5.3 Metallurgical Off Gas Catalyst

1.5.4 Other

1.6 Market Analysis by Application

1.6.1 Overview: Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Contact Process

1.6.3 WSA Process

1.6.4 Other

1.7 Global Vanadium-Based Sulfuric Acid Catalysts Market Size & Forecast

1.7.1 Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (2021-2032)

1.7.3 Global Vanadium-Based Sulfuric Acid Catalysts Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Topsoe

2.1.1 Topsoe Details

- 2.1.2 Topsoe Major Business
- 2.1.3 Topsoe Vanadium-Based Sulfuric Acid Catalysts Product and Services
- 2.1.4 Topsoe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 Topsoe Recent Developments/Updates
- 2.2 BASF
 - 2.2.1 BASF Details
 - 2.2.2 BASF Major Business
 - 2.2.3 BASF Vanadium-Based Sulfuric Acid Catalysts Product and Services
 - 2.2.4 BASF Vanadium-Based Sulfuric Acid Catalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 BASF Recent Developments/Updates
- 2.3 Elessent Clean Technologies
 - 2.3.1 Elessent Clean Technologies Details
 - 2.3.2 Elessent Clean Technologies Major Business
 - 2.3.3 Elessent Clean Technologies Vanadium-Based Sulfuric Acid Catalysts Product and Services
 - 2.3.4 Elessent Clean Technologies Vanadium-Based Sulfuric Acid Catalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Elessent Clean Technologies Recent Developments/Updates
- 2.4 S?d-Chemie India
 - 2.4.1 S?d-Chemie India Details
 - 2.4.2 S?d-Chemie India Major Business
 - 2.4.3 S?d-Chemie India Vanadium-Based Sulfuric Acid Catalysts Product and Services
 - 2.4.4 S?d-Chemie India Vanadium-Based Sulfuric Acid Catalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 S?d-Chemie India Recent Developments/Updates
- 2.5 Xiangyang Jingxin Catalyst
 - 2.5.1 Xiangyang Jingxin Catalyst Details
 - 2.5.2 Xiangyang Jingxin Catalyst Major Business
 - 2.5.3 Xiangyang Jingxin Catalyst Vanadium-Based Sulfuric Acid Catalysts Product and Services
 - 2.5.4 Xiangyang Jingxin Catalyst Vanadium-Based Sulfuric Acid Catalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Xiangyang Jingxin Catalyst Recent Developments/Updates
- 2.6 Guizhou Wylton Catalytic Technology
 - 2.6.1 Guizhou Wylton Catalytic Technology Details
 - 2.6.2 Guizhou Wylton Catalytic Technology Major Business

2.6.3 Guizhou Wylton Catalytic Technology Vanadium-Based Sulfuric Acid Catalysts Product and Services

2.6.4 Guizhou Wylton Catalytic Technology Vanadium-Based Sulfuric Acid Catalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Guizhou Wylton Catalytic Technology Recent Developments/Updates

2.7 Kaifeng Sanfeng Catalyst

2.7.1 Kaifeng Sanfeng Catalyst Details

2.7.2 Kaifeng Sanfeng Catalyst Major Business

2.7.3 Kaifeng Sanfeng Catalyst Vanadium-Based Sulfuric Acid Catalysts Product and Services

2.7.4 Kaifeng Sanfeng Catalyst Vanadium-Based Sulfuric Acid Catalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Kaifeng Sanfeng Catalyst Recent Developments/Updates

2.8 Nanjing Yungao New Type Materials

2.8.1 Nanjing Yungao New Type Materials Details

2.8.2 Nanjing Yungao New Type Materials Major Business

2.8.3 Nanjing Yungao New Type Materials Vanadium-Based Sulfuric Acid Catalysts Product and Services

2.8.4 Nanjing Yungao New Type Materials Vanadium-Based Sulfuric Acid Catalysts Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Nanjing Yungao New Type Materials Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: VANADIUM-BASED SULFURIC ACID CATALYSTS BY MANUFACTURER

3.1 Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Manufacturer (2021-2026)

3.2 Global Vanadium-Based Sulfuric Acid Catalysts Revenue by Manufacturer (2021-2026)

3.3 Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Vanadium-Based Sulfuric Acid Catalysts by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Vanadium-Based Sulfuric Acid Catalysts Manufacturer Market Share in 2025

3.4.3 Top 6 Vanadium-Based Sulfuric Acid Catalysts Manufacturer Market Share in 2025

3.5 Vanadium-Based Sulfuric Acid Catalysts Market: Overall Company Footprint

Analysis

3.5.1 Vanadium-Based Sulfuric Acid Catalysts Market: Region Footprint

3.5.2 Vanadium-Based Sulfuric Acid Catalysts Market: Company Product Type

Footprint

3.5.3 Vanadium-Based Sulfuric Acid Catalysts Market: Company Product Application

Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Vanadium-Based Sulfuric Acid Catalysts Market Size by Region

4.1.1 Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Region
(2021-2032)

4.1.2 Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Region
(2021-2032)

4.1.3 Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Region
(2021-2032)

4.2 North America Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032)

4.3 Europe Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032)

4.4 Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032)

4.5 South America Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032)

4.6 Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type
(2021-2032)

5.2 Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Type
(2021-2032)

5.3 Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application

(2021-2032)

6.2 Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Application

(2021-2032)

6.3 Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Application

(2021-2032)

7 NORTH AMERICA

7.1 North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type

(2021-2032)

7.2 North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by

Application (2021-2032)

7.3 North America Vanadium-Based Sulfuric Acid Catalysts Market Size by Country

7.3.1 North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by
Country (2021-2032)

7.3.2 North America Vanadium-Based Sulfuric Acid Catalysts Consumption Value by
Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type

(2021-2032)

8.2 Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application

(2021-2032)

8.3 Europe Vanadium-Based Sulfuric Acid Catalysts Market Size by Country

8.3.1 Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country
(2021-2032)

8.3.2 Europe Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country
(2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Market Size by Region
 - 9.3.1 Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Region (2021-2032)
 - 9.3.2 Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Region (2021-2032)
 - 9.3.3 China Market Size and Forecast (2021-2032)
 - 9.3.4 Japan Market Size and Forecast (2021-2032)
 - 9.3.5 South Korea Market Size and Forecast (2021-2032)
 - 9.3.6 India Market Size and Forecast (2021-2032)
 - 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
 - 9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

- 10.1 South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2021-2032)
- 10.2 South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2021-2032)
- 10.3 South America Vanadium-Based Sulfuric Acid Catalysts Market Size by Country
 - 10.3.1 South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2021-2032)
 - 10.3.2 South America Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2021-2032)
 - 10.3.3 Brazil Market Size and Forecast (2021-2032)
 - 10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2021-2032)
- 11.2 Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2021-2032)
- 11.3 Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Market Size by Country

11.3.1 Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Vanadium-Based Sulfuric Acid Catalysts Market Drivers

12.2 Vanadium-Based Sulfuric Acid Catalysts Market Restraints

12.3 Vanadium-Based Sulfuric Acid Catalysts Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Vanadium-Based Sulfuric Acid Catalysts and Key Manufacturers

13.2 Manufacturing Costs Percentage of Vanadium-Based Sulfuric Acid Catalysts

13.3 Vanadium-Based Sulfuric Acid Catalysts Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Vanadium-Based Sulfuric Acid Catalysts Typical Distributors

14.3 Vanadium-Based Sulfuric Acid Catalysts Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Operating Temperature, (USD Million), 2021 & 2025 & 2032

Table 3. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Feed Gas Source, (USD Million), 2021 & 2025 & 2032

Table 4. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Topsoe Basic Information, Manufacturing Base and Competitors

Table 6. Topsoe Major Business

Table 7. Topsoe Vanadium-Based Sulfuric Acid Catalysts Product and Services

Table 8. Topsoe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Topsoe Recent Developments/Updates

Table 10. BASF Basic Information, Manufacturing Base and Competitors

Table 11. BASF Major Business

Table 12. BASF Vanadium-Based Sulfuric Acid Catalysts Product and Services

Table 13. BASF Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. BASF Recent Developments/Updates

Table 15. Elessent Clean Technologies Basic Information, Manufacturing Base and Competitors

Table 16. Elessent Clean Technologies Major Business

Table 17. Elessent Clean Technologies Vanadium-Based Sulfuric Acid Catalysts Product and Services

Table 18. Elessent Clean Technologies Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Elessent Clean Technologies Recent Developments/Updates

Table 20. S&D-Chemie India Basic Information, Manufacturing Base and Competitors

Table 21. S&D-Chemie India Major Business

Table 22. S&D-Chemie India Vanadium-Based Sulfuric Acid Catalysts Product and Services

Table 23. S?d-Chemie India Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. S?d-Chemie India Recent Developments/Updates

Table 25. Xiangyang Jingxin Catalyst Basic Information, Manufacturing Base and Competitors

Table 26. Xiangyang Jingxin Catalyst Major Business

Table 27. Xiangyang Jingxin Catalyst Vanadium-Based Sulfuric Acid Catalysts Product and Services

Table 28. Xiangyang Jingxin Catalyst Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Xiangyang Jingxin Catalyst Recent Developments/Updates

Table 30. Guizhou Wylton Catalytic Technology Basic Information, Manufacturing Base and Competitors

Table 31. Guizhou Wylton Catalytic Technology Major Business

Table 32. Guizhou Wylton Catalytic Technology Vanadium-Based Sulfuric Acid Catalysts Product and Services

Table 33. Guizhou Wylton Catalytic Technology Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Guizhou Wylton Catalytic Technology Recent Developments/Updates

Table 35. Kaifeng Sanfeng Catalyst Basic Information, Manufacturing Base and Competitors

Table 36. Kaifeng Sanfeng Catalyst Major Business

Table 37. Kaifeng Sanfeng Catalyst Vanadium-Based Sulfuric Acid Catalysts Product and Services

Table 38. Kaifeng Sanfeng Catalyst Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Kaifeng Sanfeng Catalyst Recent Developments/Updates

Table 40. Nanjing Yungao New Type Materials Basic Information, Manufacturing Base and Competitors

Table 41. Nanjing Yungao New Type Materials Major Business

Table 42. Nanjing Yungao New Type Materials Vanadium-Based Sulfuric Acid Catalysts Product and Services

Table 43. Nanjing Yungao New Type Materials Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 44. Nanjing Yungao New Type Materials Recent Developments/Updates
- Table 45. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Manufacturer (2021-2026) & (Tons)
- Table 46. Global Vanadium-Based Sulfuric Acid Catalysts Revenue by Manufacturer (2021-2026) & (USD Million)
- Table 47. Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Manufacturer (2021-2026) & (US\$/Ton)
- Table 48. Market Position of Manufacturers in Vanadium-Based Sulfuric Acid Catalysts, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
- Table 49. Head Office and Vanadium-Based Sulfuric Acid Catalysts Production Site of Key Manufacturer
- Table 50. Vanadium-Based Sulfuric Acid Catalysts Market: Company Product Type Footprint
- Table 51. Vanadium-Based Sulfuric Acid Catalysts Market: Company Product Application Footprint
- Table 52. Vanadium-Based Sulfuric Acid Catalysts New Market Entrants and Barriers to Market Entry
- Table 53. Vanadium-Based Sulfuric Acid Catalysts Mergers, Acquisition, Agreements, and Collaborations
- Table 54. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
- Table 55. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Region (2021-2026) & (Tons)
- Table 56. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Region (2027-2032) & (Tons)
- Table 57. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Region (2021-2026) & (USD Million)
- Table 58. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Region (2027-2032) & (USD Million)
- Table 59. Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Region (2021-2026) & (US\$/Ton)
- Table 60. Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Region (2027-2032) & (US\$/Ton)
- Table 61. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2021-2026) & (Tons)
- Table 62. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2027-2032) & (Tons)
- Table 63. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Type (2021-2026) & (USD Million)

- Table 64. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Type (2027-2032) & (USD Million)
- Table 65. Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Type (2021-2026) & (US\$/Ton)
- Table 66. Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Type (2027-2032) & (US\$/Ton)
- Table 67. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2021-2026) & (Tons)
- Table 68. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2027-2032) & (Tons)
- Table 69. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Application (2021-2026) & (USD Million)
- Table 70. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Application (2027-2032) & (USD Million)
- Table 71. Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Application (2021-2026) & (US\$/Ton)
- Table 72. Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Application (2027-2032) & (US\$/Ton)
- Table 73. North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2021-2026) & (Tons)
- Table 74. North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2027-2032) & (Tons)
- Table 75. North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2021-2026) & (Tons)
- Table 76. North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2027-2032) & (Tons)
- Table 77. North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2021-2026) & (Tons)
- Table 78. North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2027-2032) & (Tons)
- Table 79. North America Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2021-2026) & (USD Million)
- Table 80. North America Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2027-2032) & (USD Million)
- Table 81. Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2021-2026) & (Tons)
- Table 82. Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2027-2032) & (Tons)
- Table 83. Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by

Application (2021-2026) & (Tons)

Table 84. Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2027-2032) & (Tons)

Table 85. Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2021-2026) & (Tons)

Table 86. Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2027-2032) & (Tons)

Table 87. Europe Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2021-2026) & (USD Million)

Table 88. Europe Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2027-2032) & (USD Million)

Table 89. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2021-2026) & (Tons)

Table 90. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2027-2032) & (Tons)

Table 91. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2021-2026) & (Tons)

Table 92. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2027-2032) & (Tons)

Table 93. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Region (2021-2026) & (Tons)

Table 94. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Region (2027-2032) & (Tons)

Table 95. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Region (2021-2026) & (USD Million)

Table 96. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Region (2027-2032) & (USD Million)

Table 97. South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2021-2026) & (Tons)

Table 98. South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2027-2032) & (Tons)

Table 99. South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2021-2026) & (Tons)

Table 100. South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2027-2032) & (Tons)

Table 101. South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2021-2026) & (Tons)

Table 102. South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2027-2032) & (Tons)

Table 103. South America Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2021-2026) & (USD Million)

Table 104. South America Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2027-2032) & (USD Million)

Table 105. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2021-2026) & (Tons)

Table 106. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Type (2027-2032) & (Tons)

Table 107. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2021-2026) & (Tons)

Table 108. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Application (2027-2032) & (Tons)

Table 109. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2021-2026) & (Tons)

Table 110. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity by Country (2027-2032) & (Tons)

Table 111. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2021-2026) & (USD Million)

Table 112. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Country (2027-2032) & (USD Million)

Table 113. Vanadium-Based Sulfuric Acid Catalysts Raw Material

Table 114. Key Manufacturers of Vanadium-Based Sulfuric Acid Catalysts Raw Materials

Table 115. Vanadium-Based Sulfuric Acid Catalysts Typical Distributors

Table 116. Vanadium-Based Sulfuric Acid Catalysts Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Vanadium-Based Sulfuric Acid Catalysts Picture
- Figure 2. Global Vanadium-Based Sulfuric Acid Catalysts Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Vanadium-Based Sulfuric Acid Catalysts Revenue Market Share by Type in 2025
- Figure 4. Potassium-Promoted Catalysts Examples
- Figure 5. Cesium-Promoted Catalysts Examples
- Figure 6. Global Vanadium-Based Sulfuric Acid Catalysts Revenue by Operating Temperature, (USD Million), 2021 & 2025 & 2032
- Figure 7. Global Vanadium-Based Sulfuric Acid Catalysts Revenue Market Share by Operating Temperature in 2025
- Figure 8. Standard Temperature Catalyst (400-630°C) Examples
- Figure 9. Low Temperature Catalyst (370°C) Examples
- Figure 10. Ultra Low Ignition Catalyst (320-330°C) Examples
- Figure 11. Global Vanadium-Based Sulfuric Acid Catalysts Revenue by Feed Gas Source, (USD Million), 2021 & 2025 & 2032
- Figure 12. Global Vanadium-Based Sulfuric Acid Catalysts Revenue Market Share by Feed Gas Source in 2025
- Figure 13. Sulfur Burning Acid Plant Catalyst Examples
- Figure 14. Metallurgical Off Gas Catalyst Examples
- Figure 15. Other Examples
- Figure 16. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 17. Global Vanadium-Based Sulfuric Acid Catalysts Revenue Market Share by Application in 2025
- Figure 18. Contact Process Examples
- Figure 19. WSA Process Examples
- Figure 20. Other Examples
- Figure 21. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 22. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 23. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity (2021-2032) & (Tons)
- Figure 24. Global Vanadium-Based Sulfuric Acid Catalysts Price (2021-2032) &

(US\$/Ton)

Figure 25. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Manufacturer in 2025

Figure 26. Global Vanadium-Based Sulfuric Acid Catalysts Revenue Market Share by Manufacturer in 2025

Figure 27. Producer Shipments of Vanadium-Based Sulfuric Acid Catalysts by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 28. Top 3 Vanadium-Based Sulfuric Acid Catalysts Manufacturer (Revenue) Market Share in 2025

Figure 29. Top 6 Vanadium-Based Sulfuric Acid Catalysts Manufacturer (Revenue) Market Share in 2025

Figure 30. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Region (2021-2032)

Figure 31. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value Market Share by Region (2021-2032)

Figure 32. North America Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 33. Europe Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 34. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 35. South America Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 36. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 37. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Type (2021-2032)

Figure 38. Global Vanadium-Based Sulfuric Acid Catalysts Consumption Value Market Share by Type (2021-2032)

Figure 39. Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Type (2021-2032) & (US\$/Ton)

Figure 40. Global Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Application (2021-2032)

Figure 41. Global Vanadium-Based Sulfuric Acid Catalysts Revenue Market Share by Application (2021-2032)

Figure 42. Global Vanadium-Based Sulfuric Acid Catalysts Average Price by Application (2021-2032) & (US\$/Ton)

Figure 43. North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Type (2021-2032)

Figure 44. North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Application (2021-2032)

Figure 45. North America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Country (2021-2032)

Figure 46. North America Vanadium-Based Sulfuric Acid Catalysts Consumption Value Market Share by Country (2021-2032)

Figure 47. United States Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 48. Canada Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 49. Mexico Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 50. Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Type (2021-2032)

Figure 51. Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Application (2021-2032)

Figure 52. Europe Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Country (2021-2032)

Figure 53. Europe Vanadium-Based Sulfuric Acid Catalysts Consumption Value Market Share by Country (2021-2032)

Figure 54. Germany Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 55. France Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 56. United Kingdom Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 57. Russia Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 58. Italy Vanadium-Based Sulfuric Acid Catalysts Consumption Value (2021-2032) & (USD Million)

Figure 59. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Type (2021-2032)

Figure 60. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Application (2021-2032)

Figure 61. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Sales Quantity Market Share by Region (2021-2032)

Figure 62. Asia-Pacific Vanadium-Based Sulfuric Acid Catalysts Consumption Value Market Share by Region (2021-2032)

Figure 63. China Vanadium-Based Sulfuric Acid Catalysts Consumption Value

(2021-2032) & (USD Million)

Figure 64. Japan Vanadium-Based Sulfuric Acid Catalysts Consumption Value

(2021-2032) & (USD Million)

Figure 65. South Korea Vanadium-Based Sulfuric Acid Catalysts Consumption Value

(2021-2032) & (USD Million)

Figure 66. India Vanadium-Based Sulfuric Acid Catalysts Consumption Value

(2021-2032) & (USD Million)

Figure 67. Southeast Asia Vanadium-Based Sulfuric Acid Catalysts Consumption Value

(2021-2032) & (USD Million)

Figure 68. Australia Vanadium-Based Sulfuric Acid Catalysts Consumption Value

(2021-2032) & (USD Million)

Figure 69. South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity
Market Share by Type (2021-2032)

Figure 70. South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity
Market Share by Application (2021-2032)

Figure 71. South America Vanadium-Based Sulfuric Acid Catalysts Sales Quantity
Market Share by Country (2021-2032)

Figure 72. South America Vanadium-Based Sulfuric Acid Catalysts Consumption Value
Market Share by Country (2021-2032)

Figure 73. Brazil Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032) & (USD Million)

Figure 74. Argentina Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032) & (USD Million)

Figure 75. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity
Market Share by Type (2021-2032)

Figure 76. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity
Market Share by Application (2021-2032)

Figure 77. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Sales Quantity
Market Share by Country (2021-2032)

Figure 78. Middle East & Africa Vanadium-Based Sulfuric Acid Catalysts Consumption
Value Market Share by Country (2021-2032)

Figure 79. Turkey Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032) & (USD Million)

Figure 80. Egypt Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032) & (USD Million)

Figure 81. Saudi Arabia Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032) & (USD Million)

Figure 82. South Africa Vanadium-Based Sulfuric Acid Catalysts Consumption Value
(2021-2032) & (USD Million)

Figure 83. Vanadium-Based Sulfuric Acid Catalysts Market Drivers

Figure 84. Vanadium-Based Sulfuric Acid Catalysts Market Restraints

Figure 85. Vanadium-Based Sulfuric Acid Catalysts Market Trends

Figure 86. Porters Five Forces Analysis

Figure 87. Manufacturing Cost Structure Analysis of Vanadium-Based Sulfuric Acid Catalysts in 2025

Figure 88. Manufacturing Process Analysis of Vanadium-Based Sulfuric Acid Catalysts

Figure 89. Vanadium-Based Sulfuric Acid Catalysts Industrial Chain

Figure 90. Sales Channel: Direct to End-User vs Distributors

Figure 91. Direct Channel Pros & Cons

Figure 92. Indirect Channel Pros & Cons

Figure 93. Methodology

Figure 94. Research Process and Data Source

I would like to order

Product name: Global Vanadium-Based Sulfuric Acid Catalysts Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GFD7502D8376EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GFD7502D8376EN.html>