

# Global Acid Metal Complex Dyes Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GEF9A2CCAAFBEN.html>

Date: November 2025

Pages: 120

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

ID: GEF9A2CCAAFBEN

## Abstracts

According to our (Global Info Research) latest study, the global Acid Metal Complex Dyes market size was valued at US\$ 297 million in 2024 and is forecast to a readjusted size of USD 369 million by 2031 with a CAGR of 3.0% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Acid Metal Complex Dyes are a type of acid dye that form complexes with metal ions, usually chromium, cobalt, or copper. These dyes are commonly used for dyeing protein fibers such as wool, silk, and sometimes nylon.

This report is a detailed and comprehensive analysis for global Acid Metal Complex Dyes 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 Acid Metal Complex Dyes market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Acid Metal Complex Dyes market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Acid Metal Complex Dyes market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Acid Metal Complex Dyes market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 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 Acid Metal Complex Dyes
- 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 Acid Metal Complex Dyes 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 Huntsman, BASF, Rudolf, DyStar, Kolor Jet Chemical, Linvest, CHT Group, Prima Chemicals, Suzhou Sunway Dyes & Chemicals, Nitin Dye Chem Pvt, etc.

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

### **Market Segmentation**

Acid Metal Complex Dyes 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

1:1 Metal Complex Dye

1:2 Metal Complex Dye

## Market segment by Application

Textiles

Inks & Coatings

Plastics

Others

## Major players covered

Huntsman

BASF

Rudolf

DyStar

Kolor Jet Chemical

Linvest

CHT Group

Prima Chemicals

Suzhou Sunway Dyes & Chemicals

Nitin Dye Chem Pvt

Devine Chemicals

Ming-Zu Chemical Industry

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 Acid Metal Complex Dyes product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Acid Metal Complex Dyes, with price, sales quantity, revenue, and global market share of Acid Metal Complex Dyes from 2020 to 2025.

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

Chapter 4, the Acid Metal Complex Dyes 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 Acid Metal Complex Dyes 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 Acid Metal Complex Dyes.

Chapter 14 and 15, to describe Acid Metal Complex Dyes 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 Acid Metal Complex Dyes Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 1:1 Metal Complex Dye

1.3.3 1:2 Metal Complex Dye

1.4 Market Analysis by Application

1.4.1 Overview: Global Acid Metal Complex Dyes Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Textiles

1.4.3 Inks & Coatings

1.4.4 Plastics

1.4.5 Others

1.5 Global Acid Metal Complex Dyes Market Size & Forecast

1.5.1 Global Acid Metal Complex Dyes Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Acid Metal Complex Dyes Sales Quantity (2020-2031)

1.5.3 Global Acid Metal Complex Dyes Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 Huntsman

2.1.1 Huntsman Details

2.1.2 Huntsman Major Business

2.1.3 Huntsman Acid Metal Complex Dyes Product and Services

2.1.4 Huntsman Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Huntsman Recent Developments/Updates

2.2 BASF

2.2.1 BASF Details

2.2.2 BASF Major Business

2.2.3 BASF Acid Metal Complex Dyes Product and Services

2.2.4 BASF Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 BASF Recent Developments/Updates

## 2.3 Rudolf

### 2.3.1 Rudolf Details

### 2.3.2 Rudolf Major Business

### 2.3.3 Rudolf Acid Metal Complex Dyes Product and Services

### 2.3.4 Rudolf Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.3.5 Rudolf Recent Developments/Updates

## 2.4 DyStar

### 2.4.1 DyStar Details

### 2.4.2 DyStar Major Business

### 2.4.3 DyStar Acid Metal Complex Dyes Product and Services

### 2.4.4 DyStar Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.4.5 DyStar Recent Developments/Updates

## 2.5 Kolor Jet Chemical

### 2.5.1 Kolor Jet Chemical Details

### 2.5.2 Kolor Jet Chemical Major Business

### 2.5.3 Kolor Jet Chemical Acid Metal Complex Dyes Product and Services

### 2.5.4 Kolor Jet Chemical Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.5.5 Kolor Jet Chemical Recent Developments/Updates

## 2.6 Linvest

### 2.6.1 Linvest Details

### 2.6.2 Linvest Major Business

### 2.6.3 Linvest Acid Metal Complex Dyes Product and Services

### 2.6.4 Linvest Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.6.5 Linvest Recent Developments/Updates

## 2.7 CHT Group

### 2.7.1 CHT Group Details

### 2.7.2 CHT Group Major Business

### 2.7.3 CHT Group Acid Metal Complex Dyes Product and Services

### 2.7.4 CHT Group Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.7.5 CHT Group Recent Developments/Updates

## 2.8 Prima Chemicals

### 2.8.1 Prima Chemicals Details

### 2.8.2 Prima Chemicals Major Business

### 2.8.3 Prima Chemicals Acid Metal Complex Dyes Product and Services

2.8.4 Prima Chemicals Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 Prima Chemicals Recent Developments/Updates

2.9 Suzhou Sunway Dyes & Chemicals

2.9.1 Suzhou Sunway Dyes & Chemicals Details

2.9.2 Suzhou Sunway Dyes & Chemicals Major Business

2.9.3 Suzhou Sunway Dyes & Chemicals Acid Metal Complex Dyes Product and Services

2.9.4 Suzhou Sunway Dyes & Chemicals Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Suzhou Sunway Dyes & Chemicals Recent Developments/Updates

2.10 Nitin Dye Chem Pvt

2.10.1 Nitin Dye Chem Pvt Details

2.10.2 Nitin Dye Chem Pvt Major Business

2.10.3 Nitin Dye Chem Pvt Acid Metal Complex Dyes Product and Services

2.10.4 Nitin Dye Chem Pvt Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 Nitin Dye Chem Pvt Recent Developments/Updates

2.11 Devine Chemicals

2.11.1 Devine Chemicals Details

2.11.2 Devine Chemicals Major Business

2.11.3 Devine Chemicals Acid Metal Complex Dyes Product and Services

2.11.4 Devine Chemicals Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 Devine Chemicals Recent Developments/Updates

2.12 Ming-Zu Chemical Industry

2.12.1 Ming-Zu Chemical Industry Details

2.12.2 Ming-Zu Chemical Industry Major Business

2.12.3 Ming-Zu Chemical Industry Acid Metal Complex Dyes Product and Services

2.12.4 Ming-Zu Chemical Industry Acid Metal Complex Dyes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Ming-Zu Chemical Industry Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: ACID METAL COMPLEX DYES BY MANUFACTURER**

3.1 Global Acid Metal Complex Dyes Sales Quantity by Manufacturer (2020-2025)

3.2 Global Acid Metal Complex Dyes Revenue by Manufacturer (2020-2025)

3.3 Global Acid Metal Complex Dyes Average Price by Manufacturer (2020-2025)

### 3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Acid Metal Complex Dyes by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Acid Metal Complex Dyes Manufacturer Market Share in 2024

3.4.3 Top 6 Acid Metal Complex Dyes Manufacturer Market Share in 2024

### 3.5 Acid Metal Complex Dyes Market: Overall Company Footprint Analysis

3.5.1 Acid Metal Complex Dyes Market: Region Footprint

3.5.2 Acid Metal Complex Dyes Market: Company Product Type Footprint

3.5.3 Acid Metal Complex Dyes 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 Acid Metal Complex Dyes Market Size by Region

4.1.1 Global Acid Metal Complex Dyes Sales Quantity by Region (2020-2031)

4.1.2 Global Acid Metal Complex Dyes Consumption Value by Region (2020-2031)

4.1.3 Global Acid Metal Complex Dyes Average Price by Region (2020-2031)

### 4.2 North America Acid Metal Complex Dyes Consumption Value (2020-2031)

### 4.3 Europe Acid Metal Complex Dyes Consumption Value (2020-2031)

### 4.4 Asia-Pacific Acid Metal Complex Dyes Consumption Value (2020-2031)

### 4.5 South America Acid Metal Complex Dyes Consumption Value (2020-2031)

### 4.6 Middle East & Africa Acid Metal Complex Dyes Consumption Value (2020-2031)

## 5 MARKET SEGMENT BY TYPE

### 5.1 Global Acid Metal Complex Dyes Sales Quantity by Type (2020-2031)

### 5.2 Global Acid Metal Complex Dyes Consumption Value by Type (2020-2031)

### 5.3 Global Acid Metal Complex Dyes Average Price by Type (2020-2031)

## 6 MARKET SEGMENT BY APPLICATION

### 6.1 Global Acid Metal Complex Dyes Sales Quantity by Application (2020-2031)

### 6.2 Global Acid Metal Complex Dyes Consumption Value by Application (2020-2031)

### 6.3 Global Acid Metal Complex Dyes Average Price by Application (2020-2031)

## 7 NORTH AMERICA

### 7.1 North America Acid Metal Complex Dyes Sales Quantity by Type (2020-2031)

- 7.2 North America Acid Metal Complex Dyes Sales Quantity by Application (2020-2031)
- 7.3 North America Acid Metal Complex Dyes Market Size by Country
  - 7.3.1 North America Acid Metal Complex Dyes Sales Quantity by Country (2020-2031)
  - 7.3.2 North America Acid Metal Complex Dyes Consumption Value by Country (2020-2031)
  - 7.3.3 United States Market Size and Forecast (2020-2031)
  - 7.3.4 Canada Market Size and Forecast (2020-2031)
  - 7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

- 8.1 Europe Acid Metal Complex Dyes Sales Quantity by Type (2020-2031)
- 8.2 Europe Acid Metal Complex Dyes Sales Quantity by Application (2020-2031)
- 8.3 Europe Acid Metal Complex Dyes Market Size by Country
  - 8.3.1 Europe Acid Metal Complex Dyes Sales Quantity by Country (2020-2031)
  - 8.3.2 Europe Acid Metal Complex Dyes Consumption Value by Country (2020-2031)
  - 8.3.3 Germany Market Size and Forecast (2020-2031)
  - 8.3.4 France Market Size and Forecast (2020-2031)
  - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
  - 8.3.6 Russia Market Size and Forecast (2020-2031)
  - 8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Acid Metal Complex Dyes Sales Quantity by Type (2020-2031)
- 9.2 Asia-Pacific Acid Metal Complex Dyes Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific Acid Metal Complex Dyes Market Size by Region
  - 9.3.1 Asia-Pacific Acid Metal Complex Dyes Sales Quantity by Region (2020-2031)
  - 9.3.2 Asia-Pacific Acid Metal Complex Dyes Consumption Value by Region (2020-2031)
  - 9.3.3 China Market Size and Forecast (2020-2031)
  - 9.3.4 Japan Market Size and Forecast (2020-2031)
  - 9.3.5 South Korea Market Size and Forecast (2020-2031)
  - 9.3.6 India Market Size and Forecast (2020-2031)
  - 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
  - 9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

10.1 South America Acid Metal Complex Dyes Sales Quantity by Type (2020-2031)

10.2 South America Acid Metal Complex Dyes Sales Quantity by Application (2020-2031)

10.3 South America Acid Metal Complex Dyes Market Size by Country

10.3.1 South America Acid Metal Complex Dyes Sales Quantity by Country (2020-2031)

10.3.2 South America Acid Metal Complex Dyes Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Acid Metal Complex Dyes Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Acid Metal Complex Dyes Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Acid Metal Complex Dyes Market Size by Country

11.3.1 Middle East & Africa Acid Metal Complex Dyes Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Acid Metal Complex Dyes Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

12.1 Acid Metal Complex Dyes Market Drivers

12.2 Acid Metal Complex Dyes Market Restraints

12.3 Acid Metal Complex Dyes 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 Acid Metal Complex Dyes and Key Manufacturers

13.2 Manufacturing Costs Percentage of Acid Metal Complex Dyes

13.3 Acid Metal Complex Dyes 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 Acid Metal Complex Dyes Typical Distributors

14.3 Acid Metal Complex Dyes 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 Acid Metal Complex Dyes Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Acid Metal Complex Dyes Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Huntsman Basic Information, Manufacturing Base and Competitors

Table 4. Huntsman Major Business

Table 5. Huntsman Acid Metal Complex Dyes Product and Services

Table 6. Huntsman Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Huntsman Recent Developments/Updates

Table 8. BASF Basic Information, Manufacturing Base and Competitors

Table 9. BASF Major Business

Table 10. BASF Acid Metal Complex Dyes Product and Services

Table 11. BASF Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. BASF Recent Developments/Updates

Table 13. Rudolf Basic Information, Manufacturing Base and Competitors

Table 14. Rudolf Major Business

Table 15. Rudolf Acid Metal Complex Dyes Product and Services

Table 16. Rudolf Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Rudolf Recent Developments/Updates

Table 18. DyStar Basic Information, Manufacturing Base and Competitors

Table 19. DyStar Major Business

Table 20. DyStar Acid Metal Complex Dyes Product and Services

Table 21. DyStar Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. DyStar Recent Developments/Updates

Table 23. Kolor Jet Chemical Basic Information, Manufacturing Base and Competitors

Table 24. Kolor Jet Chemical Major Business

Table 25. Kolor Jet Chemical Acid Metal Complex Dyes Product and Services

Table 26. Kolor Jet Chemical Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Kolor Jet Chemical Recent Developments/Updates

Table 28. Linvest Basic Information, Manufacturing Base and Competitors

Table 29. Linvest Major Business

Table 30. Linvest Acid Metal Complex Dyes Product and Services

Table 31. Linvest Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Linvest Recent Developments/Updates

Table 33. CHT Group Basic Information, Manufacturing Base and Competitors

Table 34. CHT Group Major Business

Table 35. CHT Group Acid Metal Complex Dyes Product and Services

Table 36. CHT Group Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. CHT Group Recent Developments/Updates

Table 38. Prima Chemicals Basic Information, Manufacturing Base and Competitors

Table 39. Prima Chemicals Major Business

Table 40. Prima Chemicals Acid Metal Complex Dyes Product and Services

Table 41. Prima Chemicals Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Prima Chemicals Recent Developments/Updates

Table 43. Suzhou Sunway Dyes & Chemicals Basic Information, Manufacturing Base and Competitors

Table 44. Suzhou Sunway Dyes & Chemicals Major Business

Table 45. Suzhou Sunway Dyes & Chemicals Acid Metal Complex Dyes Product and Services

Table 46. Suzhou Sunway Dyes & Chemicals Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Suzhou Sunway Dyes & Chemicals Recent Developments/Updates

Table 48. Nitin Dye Chem Pvt Basic Information, Manufacturing Base and Competitors

Table 49. Nitin Dye Chem Pvt Major Business

Table 50. Nitin Dye Chem Pvt Acid Metal Complex Dyes Product and Services

Table 51. Nitin Dye Chem Pvt Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Nitin Dye Chem Pvt Recent Developments/Updates

Table 53. Devine Chemicals Basic Information, Manufacturing Base and Competitors

Table 54. Devine Chemicals Major Business

Table 55. Devine Chemicals Acid Metal Complex Dyes Product and Services

Table 56. Devine Chemicals Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Devine Chemicals Recent Developments/Updates

Table 58. Ming-Zu Chemical Industry Basic Information, Manufacturing Base and Competitors

Table 59. Ming-Zu Chemical Industry Major Business

Table 60. Ming-Zu Chemical Industry Acid Metal Complex Dyes Product and Services

Table 61. Ming-Zu Chemical Industry Acid Metal Complex Dyes Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Ming-Zu Chemical Industry Recent Developments/Updates

Table 63. Global Acid Metal Complex Dyes Sales Quantity by Manufacturer (2020-2025) & (Tons)

Table 64. Global Acid Metal Complex Dyes Revenue by Manufacturer (2020-2025) & (USD Million)

Table 65. Global Acid Metal Complex Dyes Average Price by Manufacturer (2020-2025) & (US\$/Ton)

Table 66. Market Position of Manufacturers in Acid Metal Complex Dyes, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 67. Head Office and Acid Metal Complex Dyes Production Site of Key Manufacturer

Table 68. Acid Metal Complex Dyes Market: Company Product Type Footprint

Table 69. Acid Metal Complex Dyes Market: Company Product Application Footprint

Table 70. Acid Metal Complex Dyes New Market Entrants and Barriers to Market Entry

Table 71. Acid Metal Complex Dyes Mergers, Acquisition, Agreements, and Collaborations

Table 72. Global Acid Metal Complex Dyes Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 73. Global Acid Metal Complex Dyes Sales Quantity by Region (2020-2025) & (Tons)

Table 74. Global Acid Metal Complex Dyes Sales Quantity by Region (2026-2031) & (Tons)

Table 75. Global Acid Metal Complex Dyes Consumption Value by Region (2020-2025) & (USD Million)

Table 76. Global Acid Metal Complex Dyes Consumption Value by Region (2026-2031) & (USD Million)

Table 77. Global Acid Metal Complex Dyes Average Price by Region (2020-2025) & (US\$/Ton)

Table 78. Global Acid Metal Complex Dyes Average Price by Region (2026-2031) & (US\$/Ton)

Table 79. Global Acid Metal Complex Dyes Sales Quantity by Type (2020-2025) & (Tons)

Table 80. Global Acid Metal Complex Dyes Sales Quantity by Type (2026-2031) & (Tons)

Table 81. Global Acid Metal Complex Dyes Consumption Value by Type (2020-2025) & (USD Million)

Table 82. Global Acid Metal Complex Dyes Consumption Value by Type (2026-2031) & (USD Million)

Table 83. Global Acid Metal Complex Dyes Average Price by Type (2020-2025) & (US\$/Ton)

Table 84. Global Acid Metal Complex Dyes Average Price by Type (2026-2031) & (US\$/Ton)

Table 85. Global Acid Metal Complex Dyes Sales Quantity by Application (2020-2025) & (Tons)

Table 86. Global Acid Metal Complex Dyes Sales Quantity by Application (2026-2031) & (Tons)

Table 87. Global Acid Metal Complex Dyes Consumption Value by Application (2020-2025) & (USD Million)

Table 88. Global Acid Metal Complex Dyes Consumption Value by Application (2026-2031) & (USD Million)

Table 89. Global Acid Metal Complex Dyes Average Price by Application (2020-2025) & (US\$/Ton)

Table 90. Global Acid Metal Complex Dyes Average Price by Application (2026-2031) & (US\$/Ton)

Table 91. North America Acid Metal Complex Dyes Sales Quantity by Type (2020-2025) & (Tons)

Table 92. North America Acid Metal Complex Dyes Sales Quantity by Type (2026-2031) & (Tons)

Table 93. North America Acid Metal Complex Dyes Sales Quantity by Application (2020-2025) & (Tons)

Table 94. North America Acid Metal Complex Dyes Sales Quantity by Application (2026-2031) & (Tons)

Table 95. North America Acid Metal Complex Dyes Sales Quantity by Country (2020-2025) & (Tons)

Table 96. North America Acid Metal Complex Dyes Sales Quantity by Country (2026-2031) & (Tons)

Table 97. North America Acid Metal Complex Dyes Consumption Value by Country (2020-2025) & (USD Million)

Table 98. North America Acid Metal Complex Dyes Consumption Value by Country (2026-2031) & (USD Million)

Table 99. Europe Acid Metal Complex Dyes Sales Quantity by Type (2020-2025) &

(Tons)

Table 100. Europe Acid Metal Complex Dyes Sales Quantity by Type (2026-2031) &

(Tons)

Table 101. Europe Acid Metal Complex Dyes Sales Quantity by Application (2020-2025)

& (Tons)

Table 102. Europe Acid Metal Complex Dyes Sales Quantity by Application (2026-2031)

& (Tons)

Table 103. Europe Acid Metal Complex Dyes Sales Quantity by Country (2020-2025) &

(Tons)

Table 104. Europe Acid Metal Complex Dyes Sales Quantity by Country (2026-2031) &

(Tons)

Table 105. Europe Acid Metal Complex Dyes Consumption Value by Country

(2020-2025) & (USD Million)

Table 106. Europe Acid Metal Complex Dyes Consumption Value by Country

(2026-2031) & (USD Million)

Table 107. Asia-Pacific Acid Metal Complex Dyes Sales Quantity by Type (2020-2025)

& (Tons)

Table 108. Asia-Pacific Acid Metal Complex Dyes Sales Quantity by Type (2026-2031)

& (Tons)

Table 109. Asia-Pacific Acid Metal Complex Dyes Sales Quantity by Application

(2020-2025) & (Tons)

Table 110. Asia-Pacific Acid Metal Complex Dyes Sales Quantity by Application

(2026-2031) & (Tons)

Table 111. Asia-Pacific Acid Metal Complex Dyes Sales Quantity by Region

(2020-2025) & (Tons)

Table 112. Asia-Pacific Acid Metal Complex Dyes Sales Quantity by Region

(2026-2031) & (Tons)

Table 113. Asia-Pacific Acid Metal Complex Dyes Consumption Value by Region

(2020-2025) & (USD Million)

Table 114. Asia-Pacific Acid Metal Complex Dyes Consumption Value by Region

(2026-2031) & (USD Million)

Table 115. South America Acid Metal Complex Dyes Sales Quantity by Type

(2020-2025) & (Tons)

Table 116. South America Acid Metal Complex Dyes Sales Quantity by Type

(2026-2031) & (Tons)

Table 117. South America Acid Metal Complex Dyes Sales Quantity by Application

(2020-2025) & (Tons)

Table 118. South America Acid Metal Complex Dyes Sales Quantity by Application

(2026-2031) & (Tons)

Table 119. South America Acid Metal Complex Dyes Sales Quantity by Country (2020-2025) & (Tons)

Table 120. South America Acid Metal Complex Dyes Sales Quantity by Country (2026-2031) & (Tons)

Table 121. South America Acid Metal Complex Dyes Consumption Value by Country (2020-2025) & (USD Million)

Table 122. South America Acid Metal Complex Dyes Consumption Value by Country (2026-2031) & (USD Million)

Table 123. Middle East & Africa Acid Metal Complex Dyes Sales Quantity by Type (2020-2025) & (Tons)

Table 124. Middle East & Africa Acid Metal Complex Dyes Sales Quantity by Type (2026-2031) & (Tons)

Table 125. Middle East & Africa Acid Metal Complex Dyes Sales Quantity by Application (2020-2025) & (Tons)

Table 126. Middle East & Africa Acid Metal Complex Dyes Sales Quantity by Application (2026-2031) & (Tons)

Table 127. Middle East & Africa Acid Metal Complex Dyes Sales Quantity by Country (2020-2025) & (Tons)

Table 128. Middle East & Africa Acid Metal Complex Dyes Sales Quantity by Country (2026-2031) & (Tons)

Table 129. Middle East & Africa Acid Metal Complex Dyes Consumption Value by Country (2020-2025) & (USD Million)

Table 130. Middle East & Africa Acid Metal Complex Dyes Consumption Value by Country (2026-2031) & (USD Million)

Table 131. Acid Metal Complex Dyes Raw Material

Table 132. Key Manufacturers of Acid Metal Complex Dyes Raw Materials

Table 133. Acid Metal Complex Dyes Typical Distributors

Table 134. Acid Metal Complex Dyes Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Acid Metal Complex Dyes Picture

Figure 2. Global Acid Metal Complex Dyes Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Acid Metal Complex Dyes Revenue Market Share by Type in 2024

Figure 4. 1:1 Metal Complex Dye Examples

Figure 5. 1:2 Metal Complex Dye Examples

Figure 6. Global Acid Metal Complex Dyes Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global Acid Metal Complex Dyes Revenue Market Share by Application in 2024

Figure 8. Textiles Examples

Figure 9. Inks & Coatings Examples

Figure 10. Plastics Examples

Figure 11. Others Examples

Figure 12. Global Acid Metal Complex Dyes Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 13. Global Acid Metal Complex Dyes Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 14. Global Acid Metal Complex Dyes Sales Quantity (2020-2031) & (Tons)

Figure 15. Global Acid Metal Complex Dyes Price (2020-2031) & (US\$/Ton)

Figure 16. Global Acid Metal Complex Dyes Sales Quantity Market Share by Manufacturer in 2024

Figure 17. Global Acid Metal Complex Dyes Revenue Market Share by Manufacturer in 2024

Figure 18. Producer Shipments of Acid Metal Complex Dyes by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 19. Top 3 Acid Metal Complex Dyes Manufacturer (Revenue) Market Share in 2024

Figure 20. Top 6 Acid Metal Complex Dyes Manufacturer (Revenue) Market Share in 2024

Figure 21. Global Acid Metal Complex Dyes Sales Quantity Market Share by Region (2020-2031)

Figure 22. Global Acid Metal Complex Dyes Consumption Value Market Share by Region (2020-2031)

Figure 23. North America Acid Metal Complex Dyes Consumption Value (2020-2031) &

(USD Million)

Figure 24. Europe Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 25. Asia-Pacific Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 26. South America Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 27. Middle East & Africa Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 28. Global Acid Metal Complex Dyes Sales Quantity Market Share by Type (2020-2031)

Figure 29. Global Acid Metal Complex Dyes Consumption Value Market Share by Type (2020-2031)

Figure 30. Global Acid Metal Complex Dyes Average Price by Type (2020-2031) & (US\$/Ton)

Figure 31. Global Acid Metal Complex Dyes Sales Quantity Market Share by Application (2020-2031)

Figure 32. Global Acid Metal Complex Dyes Revenue Market Share by Application (2020-2031)

Figure 33. Global Acid Metal Complex Dyes Average Price by Application (2020-2031) & (US\$/Ton)

Figure 34. North America Acid Metal Complex Dyes Sales Quantity Market Share by Type (2020-2031)

Figure 35. North America Acid Metal Complex Dyes Sales Quantity Market Share by Application (2020-2031)

Figure 36. North America Acid Metal Complex Dyes Sales Quantity Market Share by Country (2020-2031)

Figure 37. North America Acid Metal Complex Dyes Consumption Value Market Share by Country (2020-2031)

Figure 38. United States Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 39. Canada Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 40. Mexico Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 41. Europe Acid Metal Complex Dyes Sales Quantity Market Share by Type (2020-2031)

Figure 42. Europe Acid Metal Complex Dyes Sales Quantity Market Share by Application (2020-2031)

Figure 43. Europe Acid Metal Complex Dyes Sales Quantity Market Share by Country (2020-2031)

Figure 44. Europe Acid Metal Complex Dyes Consumption Value Market Share by Country (2020-2031)

Figure 45. Germany Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 46. France Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 47. United Kingdom Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 48. Russia Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 49. Italy Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 50. Asia-Pacific Acid Metal Complex Dyes Sales Quantity Market Share by Type (2020-2031)

Figure 51. Asia-Pacific Acid Metal Complex Dyes Sales Quantity Market Share by Application (2020-2031)

Figure 52. Asia-Pacific Acid Metal Complex Dyes Sales Quantity Market Share by Region (2020-2031)

Figure 53. Asia-Pacific Acid Metal Complex Dyes Consumption Value Market Share by Region (2020-2031)

Figure 54. China Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 55. Japan Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 56. South Korea Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 57. India Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 58. Southeast Asia Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 59. Australia Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 60. South America Acid Metal Complex Dyes Sales Quantity Market Share by Type (2020-2031)

Figure 61. South America Acid Metal Complex Dyes Sales Quantity Market Share by Application (2020-2031)

Figure 62. South America Acid Metal Complex Dyes Sales Quantity Market Share by

Country (2020-2031)

Figure 63. South America Acid Metal Complex Dyes Consumption Value Market Share by Country (2020-2031)

Figure 64. Brazil Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 65. Argentina Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 66. Middle East & Africa Acid Metal Complex Dyes Sales Quantity Market Share by Type (2020-2031)

Figure 67. Middle East & Africa Acid Metal Complex Dyes Sales Quantity Market Share by Application (2020-2031)

Figure 68. Middle East & Africa Acid Metal Complex Dyes Sales Quantity Market Share by Country (2020-2031)

Figure 69. Middle East & Africa Acid Metal Complex Dyes Consumption Value Market Share by Country (2020-2031)

Figure 70. Turkey Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 71. Egypt Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 72. Saudi Arabia Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 73. South Africa Acid Metal Complex Dyes Consumption Value (2020-2031) & (USD Million)

Figure 74. Acid Metal Complex Dyes Market Drivers

Figure 75. Acid Metal Complex Dyes Market Restraints

Figure 76. Acid Metal Complex Dyes Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Acid Metal Complex Dyes in 2024

Figure 79. Manufacturing Process Analysis of Acid Metal Complex Dyes

Figure 80. Acid Metal Complex Dyes Industrial Chain

Figure 81. Sales Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

## I would like to order

Product name: Global Acid Metal Complex Dyes Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/GEF9A2CCAAFBN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEF9A2CCAAFBN.html>