

Potassium Bichromate Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application

<https://marketpublishers.com/r/PCBCC5DB08EFEN.html>

Date: June 2025

Pages: 77

Price: US\$ 3,200.00 (Single User License)

ID: PCBCC5DB08EFEN

Abstracts

Potassium Bichromate Market Summary

Introduction

Potassium Bichromate ($K_2Cr_2O_7$), also known as potassium dichromate, is an orange-red crystalline compound valued for its strong oxidizing properties. It is used in inorganic pigments, oxidizing agents, firelighters, and other applications like electroplating and organic synthesis. The potassium bichromate industry is characterized by its niche role in chemical manufacturing, driven by demand for vibrant pigments and industrial oxidants. However, its toxicity and classification as a Group 1 carcinogen by the International Agency for Research on Cancer pose significant challenges. Key trends include the development of safer handling processes, eco-friendly alternatives, and high-purity grades for specialized applications. The market is propelled by demand in pigments and chemical synthesis, particularly in Asia.

Market Size and Growth Forecast

The global Potassium Bichromate market was valued at USD 130–210 million in 2024, with an estimated CAGR of 4.5%–6.5% from 2025 to 2030, driven by demand in pigments and industrial applications.

Regional Analysis

North America is projected to grow at a CAGR of 4.3%–6.3%, with the U.S. leading due to its chemical and pigment industries, focusing on safer handling processes.

Europe is expected to achieve a CAGR of 4.0%–6.0%, with Germany driving demand through its emphasis on eco-friendly pigments.

Asia Pacific is anticipated to record the highest growth at 5.0%–7.0%, led by China and India, where pigment and electroplating industries fuel demand, with trends toward cost-effective production.

Rest of the World, particularly Brazil, is expected to grow at 3.8%–5.8%, with trends toward industrial applications.

Application Analysis

Inorganic pigment applications are estimated to grow at a CAGR of 4.7%–6.7%, driven by potassium bichromate's use in vibrant colorants, with trends toward safer formulations.

Oxidizing agent applications are projected to expand at 4.5%–6.5%, supported by demand in chemical synthesis, with innovations in controlled oxidation processes.

Firelighter applications are expected to grow at 4.3%–6.3%, focusing on industrial uses, with trends toward safer alternatives.

Other applications, including electroplating, are anticipated to grow at 4.0%–6.0%, with advancements in niche chemical processes.

Key Market Players

Nippon Chemical Industrial, headquartered in Tokyo, Japan, produces potassium bichromate for pigments and chemical synthesis, known for its high-purity solutions.

Vishnu Chemicals, based in Hyderabad, India, offers potassium bichromate for industrial applications, focusing on scalable production.

Hubei Zhenhua Chemical, headquartered in Huangshi, China, provides potassium bichromate for pigments and electroplating, emphasizing efficient manufacturing.

Chongqing Minfeng Chemical, based in Chongqing, China, specializes in potassium bichromate for chemical synthesis, known for its cost-competitive processes.

Porter's Five Forces Analysis

The threat of new entrants is low; strict environmental and safety regulations create significant barriers.

The threat of substitutes is high; safer oxidizing agents and pigments compete due to potassium bichromate's toxicity.

Buyer power is moderate; chemical manufacturers negotiate pricing, but regulatory compliance limits leverage.

Supplier power is low; raw materials like chromium are widely available, reducing dependency.

Competitive rivalry is moderate; players differentiate through safer and eco-friendly formulations.

Market Opportunities and Challenges

Opportunities

Growth in pigment production drives potassium bichromate demand.

Expansion of chemical synthesis applications enhances market opportunities.

Emerging markets in Asia Pacific offer growth potential due to industrial growth.

Challenges

Strict regulations on toxic chemicals increase compliance costs.

Health and environmental concerns limit adoption in developed markets.

Competition from safer alternatives challenges market share.

Growth Trend Analysis

The Potassium Bichromate market is growing steadily, driven by demand in pigments and chemical synthesis, despite challenges from its toxicity. Hubei Zhenhua Chemical currently has a potassium bichromate capacity of 2,000 tons, supporting applications in chromium pigments and electroplating. Chongqing Minfeng Chemical also has a capacity of 2,000 tons, focusing on chemical synthesis. These developments align with a projected CAGR of 4.5%–6.5% through 2030, reflecting potassium bichromate's role in niche industrial applications.

Contents

Table of Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

3.1 Research Scope

3.2 Research Sources

3.2.1 Data Sources

3.2.2 Assumptions

3.3 Research Method

CHAPTER 4 MARKET LANDSCAPE

4.1 Market Overview

4.2 Classification/Types

4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

5.1 Introduction

5.2 Drivers

5.3 Restraints

5.4 Opportunities

5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

6.1 Upstream/Suppliers Analysis

6.2 Potassium Bichromate Analysis

6.2.1 Technology Analysis

6.2.2 Cost Analysis

6.2.3 Market Channel Analysis

6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS

- 7.1 Latest News
- 7.2 Merger and Acquisition
- 7.3 Planned/Future Project
- 7.4 Policy Dynamics

CHAPTER 8 TRADING ANALYSIS

- 8.1 Export of Potassium Bichromate by Region
- 8.2 Import of Potassium Bichromate by Region
- 8.3 Balance of Trade

CHAPTER 9 HISTORICAL AND FORECAST POTASSIUM BICHROMATE MARKET IN NORTH AMERICA (2020-2030)

- 9.1 Potassium Bichromate Market Size
- 9.2 Potassium Bichromate Demand by End Use
- 9.3 Competition by Players/Suppliers
- 9.4 Type Segmentation and Price
- 9.5 Key Countries Analysis
 - 9.5.1 United States
 - 9.5.2 Canada
 - 9.5.3 Mexico

CHAPTER 10 HISTORICAL AND FORECAST POTASSIUM BICHROMATE MARKET IN SOUTH AMERICA (2020-2030)

- 10.1 Potassium Bichromate Market Size
- 10.2 Potassium Bichromate Demand by End Use
- 10.3 Competition by Players/Suppliers
- 10.4 Type Segmentation and Price
- 10.5 Key Countries Analysis
 - 10.5.1 Brazil
 - 10.5.2 Argentina
 - 10.5.3 Chile
 - 10.5.4 Peru

CHAPTER 11 HISTORICAL AND FORECAST POTASSIUM BICHROMATE MARKET

IN ASIA & PACIFIC (2020-2030)

- 11.1 Potassium Bichromate Market Size
- 11.2 Potassium Bichromate Demand by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Type Segmentation and Price
- 11.5 Key Countries Analysis
 - 11.5.1 China
 - 11.5.2 India
 - 11.5.3 Japan
 - 11.5.4 South Korea
 - 11.5.5 Southeast Asia
 - 11.5.6 Australia

CHAPTER 12 HISTORICAL AND FORECAST POTASSIUM BICHROMATE MARKET IN EUROPE (2020-2030)

- 12.1 Potassium Bichromate Market Size
- 12.2 Potassium Bichromate Demand by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Type Segmentation and Price
- 12.5 Key Countries Analysis
 - 12.5.1 Germany
 - 12.5.2 France
 - 12.5.3 United Kingdom
 - 12.5.4 Italy
 - 12.5.5 Spain
 - 12.5.6 Belgium
 - 12.5.7 Netherlands
 - 12.5.8 Austria
 - 12.5.9 Poland
 - 12.5.10 Russia

CHAPTER 13 HISTORICAL AND FORECAST POTASSIUM BICHROMATE MARKET IN MEA (2020-2030)

- 13.1 Potassium Bichromate Market Size
- 13.2 Potassium Bichromate Demand by End Use
- 13.3 Competition by Players/Suppliers

- 13.4 Type Segmentation and Price
- 13.5 Key Countries Analysis
 - 13.5.1 Egypt
 - 13.5.2 Israel
 - 13.5.3 South Africa
 - 13.5.4 Gulf Cooperation Council Countries
 - 13.5.5 Turkey

CHAPTER 14 SUMMARY FOR GLOBAL POTASSIUM BICHROMATE MARKET (2020-2025)

- 14.1 Potassium Bichromate Market Size
- 14.2 Potassium Bichromate Demand by End Use
- 14.3 Competition by Players/Suppliers
- 14.4 Type Segmentation and Price

CHAPTER 15 GLOBAL POTASSIUM BICHROMATE MARKET FORECAST (2025-2030)

- 15.1 Potassium Bichromate Market Size Forecast
- 15.2 Potassium Bichromate Demand Forecast
- 15.3 Competition by Players/Suppliers
- 15.4 Type Segmentation and Price Forecast

CHAPTER 16 ANALYSIS OF GLOBAL KEY VENDORS

- 16.1 Nippon Chemical Industrial
 - 16.1.1 Company Profile
 - 16.1.2 Main Business and Potassium Bichromate Information
 - 16.1.3 SWOT Analysis of Nippon Chemical Industrial
 - 16.1.4 Nippon Chemical Industrial Potassium Bichromate Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.2 Vishnu Chemicals
 - 16.2.1 Company Profile
 - 16.2.2 Main Business and Potassium Bichromate Information
 - 16.2.3 SWOT Analysis of Vishnu Chemicals
 - 16.2.4 Vishnu Chemicals Potassium Bichromate Sales, Revenue, Price and Gross Margin (2020-2025)
- 16.3 Hubei Zhenhua Chemical

16.3.1 Company Profile

16.3.2 Main Business and Potassium Bichromate Information

16.3.3 SWOT Analysis of Hubei Zhenhua Chemical

16.3.4 Hubei Zhenhua Chemical Potassium Bichromate Sales, Revenue, Price and Gross Margin (2020-2025)

16.4 Chongqing Minfeng Chemical

16.4.1 Company Profile

16.4.2 Main Business and Potassium Bichromate Information

16.4.3 SWOT Analysis of Chongqing Minfeng Chemical

16.4.4 Chongqing Minfeng Chemical Potassium Bichromate Sales, Revenue, Price and Gross Margin (2020-2025)

Please ask for sample pages for full companies list

Tables & Figures

TABLES AND FIGURES

Table Abbreviation and Acronyms List
Table Research Scope of Potassium Bichromate Report
Table Data Sources of Potassium Bichromate Report
Table Major Assumptions of Potassium Bichromate Report
Figure Market Size Estimated Method
Figure Major Forecasting Factors
Figure Potassium Bichromate Picture
Table Potassium Bichromate Classification
Table Potassium Bichromate Applications List
Table Drivers of Potassium Bichromate Market
Table Restraints of Potassium Bichromate Market
Table Opportunities of Potassium Bichromate Market
Table Threats of Potassium Bichromate Market
Table Raw Materials Suppliers List
Table Different Production Methods of Potassium Bichromate
Table Cost Structure Analysis of Potassium Bichromate
Table Key End Users List
Table Latest News of Potassium Bichromate Market
Table Merger and Acquisition List
Table Planned/Future Project of Potassium Bichromate Market
Table Policy of Potassium Bichromate Market
Table 2020-2030 Regional Export of Potassium Bichromate
Table 2020-2030 Regional Import of Potassium Bichromate
Table 2020-2030 Regional Trade Balance
Figure 2020-2030 Regional Trade Balance
Table 2020-2030 North America Potassium Bichromate Market Size and Market Volume List
Figure 2020-2030 North America Potassium Bichromate Market Size and CAGR
Figure 2020-2030 North America Potassium Bichromate Market Volume and CAGR
Table 2020-2030 North America Potassium Bichromate Demand List by Application
Table 2020-2025 North America Potassium Bichromate Key Players Sales List
Table 2020-2025 North America Potassium Bichromate Key Players Market Share List
Table 2020-2030 North America Potassium Bichromate Demand List by Type
Table 2020-2025 North America Potassium Bichromate Price List by Type
Table 2020-2030 United States Potassium Bichromate Market Size and Market Volume

List

Table 2020-2030 United States Potassium Bichromate Import & Export List

Table 2020-2030 Canada Potassium Bichromate Market Size and Market Volume List

Table 2020-2030 Canada Potassium Bichromate Import & Export List

Table 2020-2030 Mexico Potassium Bichromate Market Size and Market Volume List

Table 2020-2030 Mexico Potassium Bichromate Import & Export List

Table 2020-2030 South America Potassium Bichromate Market Size and Market Volume List

Figure 2020-2030 South America Potassium Bichromate Market Size and CAGR

Figure 2020-2030 South America Potassium Bichromate Market Volume and CAGR

Table 2020-2030 South America Potassium Bichromate Demand List by Application

Table 2020-2025 South America Potassium Bichromate Key Players Sales List

Table 2020-2025 South America Potassium Bichromate Key Players Market Share List

Table 2020-2030 South America Potassium Bichromate Demand List by Type

Table 2020-2025 South America Potassium Bichromate Price List by Type

Table 2020-2030 Brazil Potassium Bichromate Market Size and Market Volume List

Table 2020-2030 Brazil Potassium Bichromate Import & Export List

Table 2020-2030 Argentina Potassium Bichromate Market Size and Market Volume List

Table 2020-2030 Argentina Potassium Bichromate Import & Export List

Table 2020-2030 Chile Potassium Bichromate Market Size and Market Volume List

Table 2020-2030 Chile Potassium Bichromate Import & Export List

Table 2020-2030 Peru Potassium Bichromate Market Size and Market Volume List

Table 2020-2030 Peru Potassium Bichromate Import & Export List

Table 2020-2030 Asia & Pacific Potassium Bichromate Market Size and Market Volume List

Figure 2020-2030 Asia & Pacific Potassium Bichromate Market Size and CAGR

Figure 2020-2030 Asia & Pacific Potassium Bichromate Market Volume and CAGR

Table 2020-2030 Asia & Pacific Potassium Bichromate Demand List by Application

Table 2020-2025 Asia & Pacific Potassium Bichromate Key Players Sales List

Table 2020-2025 Asia & Pacific Potassium Bichromate Key Players Market Share List

Table 2020-2030 Asia & Pacific Potassium Bichromate Demand List by Type

Table 2020-2025 Asia & Pacific Potassium Bichromate Price List by Type

Table 2020-2030 China Potassium Bichromate Market Size and Market Volume List

Table 2020-2030 China Potassium Bichromate Import & Export List

Table 2020-2030 India Potassium Bichromate Market Size and Market Volume List

Table 2020-2030 India Potassium Bichromate Import & Export List

Table 2020-2030 Japan Potassium Bichromate Market Size and Market Volume List

Table 2020-2030 Japan Potassium Bichromate Import & Export List

Table 2020-2030 South Korea Potassium Bichromate Market Size and Market Volume

List

Table 2020-2030 South Korea Potassium Bichromate Import & Export List
Table 2020-2030 Southeast Asia Potassium Bichromate Market Size List
Table 2020-2030 Southeast Asia Potassium Bichromate Market Volume List
Table 2020-2030 Southeast Asia Potassium Bichromate Import List
Table 2020-2030 Southeast Asia Potassium Bichromate Export List
Table 2020-2030 Australia Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 Australia Potassium Bichromate Import & Export List
Table 2020-2030 Europe Potassium Bichromate Market Size and Market Volume List
Figure 2020-2030 Europe Potassium Bichromate Market Size and CAGR
Figure 2020-2030 Europe Potassium Bichromate Market Volume and CAGR
Table 2020-2030 Europe Potassium Bichromate Demand List by Application
Table 2020-2025 Europe Potassium Bichromate Key Players Sales List
Table 2020-2025 Europe Potassium Bichromate Key Players Market Share List
Table 2020-2030 Europe Potassium Bichromate Demand List by Type
Table 2020-2025 Europe Potassium Bichromate Price List by Type
Table 2020-2030 Germany Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 Germany Potassium Bichromate Import & Export List
Table 2020-2030 France Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 France Potassium Bichromate Import & Export List
Table 2020-2030 United Kingdom Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 United Kingdom Potassium Bichromate Import & Export List
Table 2020-2030 Italy Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 Italy Potassium Bichromate Import & Export List
Table 2020-2030 Spain Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 Spain Potassium Bichromate Import & Export List
Table 2020-2030 Belgium Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 Belgium Potassium Bichromate Import & Export List
Table 2020-2030 Netherlands Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 Netherlands Potassium Bichromate Import & Export List
Table 2020-2030 Austria Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 Austria Potassium Bichromate Import & Export List
Table 2020-2030 Poland Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 Poland Potassium Bichromate Import & Export List
Table 2020-2030 Russia Potassium Bichromate Market Size and Market Volume List
Table 2020-2030 Russia Potassium Bichromate Import & Export List
Table 2020-2030 MEA Potassium Bichromate Market Size and Market Volume List

Figure 2020-2030 MEA Potassium Bichromate Market Size and CAGR	
Figure 2020-2030 MEA Potassium Bichromate Market Volume and CAGR	
Table 2020-2030 MEA Potassium Bichromate Demand List by Application	
Table 2020-2025 MEA Potassium Bichromate Key Players Sales List	
Table 2020-2025 MEA Potassium Bichromate Key Players Market Share List	
Table 2020-2030 MEA Potassium Bichromate Demand List by Type	
Table 2020-2025 MEA Potassium Bichromate Price List by Type	
Table 2020-2030 Egypt Potassium Bichromate Market Size and Market Volume List	
Table 2020-2030 Egypt Potassium Bichromate Import & Export List	
Table 2020-2030 Israel Potassium Bichromate Market Size and Market Volume List	
Table 2020-2030 Israel Potassium Bichromate Import & Export List	
Table 2020-2030 South Africa Potassium Bichromate Market Size and Market Volume List	
Table 2020-2030 South Africa Potassium Bichromate Import & Export List	
Table 2020-2030 Gulf Cooperation Council Countries Potassium Bichromate Market Size and Market Volume List	
Table 2020-2030 Gulf Cooperation Council Countries Potassium Bichromate Import & Export List	
Table 2020-2030 Turkey Potassium Bichromate Market Size and Market Volume List	
Table 2020-2030 Turkey Potassium Bichromate Import & Export List	
Table 2020-2025 Global Potassium Bichromate Market Size List by Region	
Table 2020-2025 Global Potassium Bichromate Market Size Share List by Region	
Table 2020-2025 Global Potassium Bichromate Market Volume List by Region	
Table 2020-2025 Global Potassium Bichromate Market Volume Share List by Region	
Table 2020-2025 Global Potassium Bichromate Demand List by Application	
Table 2020-2025 Global Potassium Bichromate Demand Market Share List by Application	
Table 2020-2025 Global Potassium Bichromate Capacity List	
Table 2020-2025 Global Potassium Bichromate Key Vendors Capacity Share List	
Table 2020-2025 Global Potassium Bichromate Key Vendors Production List	
Table 2020-2025 Global Potassium Bichromate Key Vendors Production Share List	
Figure 2020-2025 Global Potassium Bichromate Capacity Production and Growth Rate	
Table 2020-2025 Global Potassium Bichromate Key Vendors Production Value List	
Figure 2020-2025 Global Potassium Bichromate Production Value and Growth Rate	
Table 2020-2025 Global Potassium Bichromate Key Vendors Production Value Share List	
Table 2020-2025 Global Potassium Bichromate Demand List by Type	
Table 2020-2025 Global Potassium Bichromate Demand Market Share List by Type	
Table 2020-2025 Regional Potassium Bichromate Price List	

Table 2025-2030 Global Potassium Bichromate Market Size List by Region
Table 2025-2030 Global Potassium Bichromate Market Size Share List by Region
Table 2025-2030 Global Potassium Bichromate Market Volume List by Region
Table 2025-2030 Global Potassium Bichromate Market Volume Share List by Region
Table 2025-2030 Global Potassium Bichromate Demand List by Application
Table 2025-2030 Global Potassium Bichromate Demand Market Share List by Application
Table 2025-2030 Global Potassium Bichromate Capacity List
Table 2025-2030 Global Potassium Bichromate Key Vendors Capacity Share List
Table 2025-2030 Global Potassium Bichromate Key Vendors Production List
Table 2025-2030 Global Potassium Bichromate Key Vendors Production Share List
Figure 2025-2030 Global Potassium Bichromate Capacity Production and Growth Rate
Table 2025-2030 Global Potassium Bichromate Key Vendors Production Value List
Figure 2025-2030 Global Potassium Bichromate Production Value and Growth Rate
Table 2025-2030 Global Potassium Bichromate Key Vendors Production Value Share List
Table 2025-2030 Global Potassium Bichromate Demand List by Type
Table 2025-2030 Global Potassium Bichromate Demand Market Share List by Type
Table 2025-2030 Potassium Bichromate Regional Price List
Table Nippon Chemical Industrial Information
Table SWOT Analysis of Nippon Chemical Industrial
Table 2020-2025 Nippon Chemical Industrial Potassium Bichromate Product Capacity
Production Price Cost Production Value
Figure 2020-2025 Nippon Chemical Industrial Potassium Bichromate Capacity
Production and Growth Rate
Figure 2020-2025 Nippon Chemical Industrial Potassium Bichromate Market Share
Table Vishnu Chemicals Information
Table SWOT Analysis of Vishnu Chemicals
Table 2020-2025 Vishnu Chemicals Potassium Bichromate Product Capacity
Production Price Cost Production Value
Figure 2020-2025 Vishnu Chemicals Potassium Bichromate Capacity Production and
Growth Rate
Figure 2020-2025 Vishnu Chemicals Potassium Bichromate Market Share
Table Hubei Zhenhua Chemical Information
Table SWOT Analysis of Hubei Zhenhua Chemical
Table 2020-2025 Hubei Zhenhua Chemical Potassium Bichromate Product Capacity
Production Price Cost Production Value
Figure 2020-2025 Hubei Zhenhua Chemical Potassium Bichromate Capacity Production
and Growth Rate

Figure 2020-2025 Hubei Zhenhua Chemical Potassium Bichromate Market Share

Table Chongqing Minfeng Chemical Information

Table SWOT Analysis of Chongqing Minfeng Chemical

Table 2020-2025 Chongqing Minfeng Chemical Potassium Bichromate Product

Capacity Production Price Cost Production Value

Figure 2020-2025 Chongqing Minfeng Chemical Potassium Bichromate Capacity

Production and Growth Rate

Figure 2020-2025 Chongqing Minfeng Chemical Potassium Bichromate Market Share

.....

I would like to order

Product name: Potassium Bichromate Global Market Insights 2025, Analysis and Forecast to 2030, by Manufacturers, Regions, Technology, Application

Product link: <https://marketpublishers.com/r/PCBCC5DB08EFEN.html>

Price: US\$ 3,200.00 (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/PCBCC5DB08EFEN.html>