

Global Battery Grade Cobalt Chloride Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G73219E1960FEN.html>

Date: September 2023

Pages: 92

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

ID: G73219E1960FEN

Abstracts

According to our (Global Info Research) latest study, the global Battery Grade Cobalt Chloride market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

Battery-grade cobalt chloride is a highly purified chemical compound used in the production of rechargeable lithium-ion batteries. It is known for its ability to enhance battery performance, stability, and energy density. Cobalt chloride is added to the cathode material of batteries as a catalyst to facilitate the movement of lithium ions, improving energy transfer and extending battery life. With the increasing demand for electric vehicles and renewable energy storage, the market prospects for battery-grade cobalt chloride are promising. However, concerns about ethical and environmental issues related to cobalt extraction and supply chain sustainability are also influencing the market dynamics of this compound.

The market prospect for battery-grade cobalt chloride is expected to be positive due to the increasing demand for lithium-ion batteries in various applications, including electric vehicles and renewable energy storage systems. Cobalt chloride is a crucial component that enhances battery performance and energy density. However, the market is also influenced by concerns regarding the ethical sourcing and environmental impact of cobalt mining. Efforts to reduce cobalt usage and explore alternative materials may impact the demand for cobalt chloride in the future. Nonetheless, the growth of the electric vehicle market and the expansion of renewable energy infrastructure indicate a strong market potential for battery-grade cobalt chloride.

The Global Info Research report includes an overview of the development of the Battery

Grade Cobalt Chloride industry chain, the market status of Consumer Battery (Purity 2N, Purity 3N), Power Battery (Purity 2N, Purity 3N), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Battery Grade Cobalt Chloride.

Regionally, the report analyzes the Battery Grade Cobalt Chloride markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Battery Grade Cobalt Chloride market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Battery Grade Cobalt Chloride market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Battery Grade Cobalt Chloride industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., Purity 2N, Purity 3N).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Battery Grade Cobalt Chloride market.

Regional Analysis: The report involves examining the Battery Grade Cobalt Chloride market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Battery Grade Cobalt Chloride market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Battery Grade Cobalt Chloride:

Company Analysis: Report covers individual Battery Grade Cobalt Chloride manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Battery Grade Cobalt Chloride. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Battery, Power Battery).

Technology Analysis: Report covers specific technologies relevant to Battery Grade Cobalt Chloride. It assesses the current state, advancements, and potential future developments in Battery Grade Cobalt Chloride areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Battery Grade Cobalt Chloride market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Battery Grade Cobalt Chloride market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Purity 2N

Purity 3N

Purity 4N

Market segment by Application

Consumer Battery

Power Battery

Energy Storage Battery

Major players covered

Zhejiang Huayou Cobalt

Ganzhou Teng Yuan Cobalt New Material

Nantong Xinwei Nickel & Cobalt Hightech Development

Zhangjiagang Huayi Chemical

Hebei Kingway Chemical Industry

Umicore

Guangdong Jiana Energy Technology

GEM

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 Battery Grade Cobalt Chloride product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Battery Grade Cobalt Chloride, with price, sales, revenue and global market share of Battery Grade Cobalt Chloride from 2018 to 2023.

Chapter 3, the Battery Grade Cobalt Chloride competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Battery Grade Cobalt Chloride breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022. and Battery Grade Cobalt Chloride market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Battery Grade Cobalt Chloride.

Chapter 14 and 15, to describe Battery Grade Cobalt Chloride sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Battery Grade Cobalt Chloride

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Battery Grade Cobalt Chloride Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Purity 2N

1.3.3 Purity 3N

1.3.4 Purity 4N

1.4 Market Analysis by Application

1.4.1 Overview: Global Battery Grade Cobalt Chloride Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Consumer Battery

1.4.3 Power Battery

1.4.4 Energy Storage Battery

1.5 Global Battery Grade Cobalt Chloride Market Size & Forecast

1.5.1 Global Battery Grade Cobalt Chloride Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Battery Grade Cobalt Chloride Sales Quantity (2018-2029)

1.5.3 Global Battery Grade Cobalt Chloride Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Zhejiang Huayou Cobalt

2.1.1 Zhejiang Huayou Cobalt Details

2.1.2 Zhejiang Huayou Cobalt Major Business

2.1.3 Zhejiang Huayou Cobalt Battery Grade Cobalt Chloride Product and Services

2.1.4 Zhejiang Huayou Cobalt Battery Grade Cobalt Chloride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Zhejiang Huayou Cobalt Recent Developments/Updates

2.2 Ganzhou Teng Yuan Cobalt New Material

2.2.1 Ganzhou Teng Yuan Cobalt New Material Details

2.2.2 Ganzhou Teng Yuan Cobalt New Material Major Business

2.2.3 Ganzhou Teng Yuan Cobalt New Material Battery Grade Cobalt Chloride Product and Services

2.2.4 Ganzhou Teng Yuan Cobalt New Material Battery Grade Cobalt Chloride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.2.5 Ganzhou Teng Yuan Cobalt New Material Recent Developments/Updates
- 2.3 Nantong Xinwei Nickel & Cobalt Hightech Development
 - 2.3.1 Nantong Xinwei Nickel & Cobalt Hightech Development Details
 - 2.3.2 Nantong Xinwei Nickel & Cobalt Hightech Development Major Business
 - 2.3.3 Nantong Xinwei Nickel & Cobalt Hightech Development Battery Grade Cobalt Chloride Product and Services
 - 2.3.4 Nantong Xinwei Nickel & Cobalt Hightech Development Battery Grade Cobalt Chloride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.3.5 Nantong Xinwei Nickel & Cobalt Hightech Development Recent Developments/Updates
- 2.4 Zhangjiagang Huayi Chemical
 - 2.4.1 Zhangjiagang Huayi Chemical Details
 - 2.4.2 Zhangjiagang Huayi Chemical Major Business
 - 2.4.3 Zhangjiagang Huayi Chemical Battery Grade Cobalt Chloride Product and Services
 - 2.4.4 Zhangjiagang Huayi Chemical Battery Grade Cobalt Chloride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.4.5 Zhangjiagang Huayi Chemical Recent Developments/Updates
- 2.5 Hebei Kingway Chemical Industry
 - 2.5.1 Hebei Kingway Chemical Industry Details
 - 2.5.2 Hebei Kingway Chemical Industry Major Business
 - 2.5.3 Hebei Kingway Chemical Industry Battery Grade Cobalt Chloride Product and Services
 - 2.5.4 Hebei Kingway Chemical Industry Battery Grade Cobalt Chloride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.5.5 Hebei Kingway Chemical Industry Recent Developments/Updates
- 2.6 Umicore
 - 2.6.1 Umicore Details
 - 2.6.2 Umicore Major Business
 - 2.6.3 Umicore Battery Grade Cobalt Chloride Product and Services
 - 2.6.4 Umicore Battery Grade Cobalt Chloride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.6.5 Umicore Recent Developments/Updates
- 2.7 Guangdong Jiana Energy Technology
 - 2.7.1 Guangdong Jiana Energy Technology Details
 - 2.7.2 Guangdong Jiana Energy Technology Major Business
 - 2.7.3 Guangdong Jiana Energy Technology Battery Grade Cobalt Chloride Product and Services

2.7.4 Guangdong Jiana Energy Technology Battery Grade Cobalt Chloride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Guangdong Jiana Energy Technology Recent Developments/Updates

2.8 GEM

2.8.1 GEM Details

2.8.2 GEM Major Business

2.8.3 GEM Battery Grade Cobalt Chloride Product and Services

2.8.4 GEM Battery Grade Cobalt Chloride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 GEM Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: BATTERY GRADE COBALT CHLORIDE BY MANUFACTURER

3.1 Global Battery Grade Cobalt Chloride Sales Quantity by Manufacturer (2018-2023)

3.2 Global Battery Grade Cobalt Chloride Revenue by Manufacturer (2018-2023)

3.3 Global Battery Grade Cobalt Chloride Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Battery Grade Cobalt Chloride by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Battery Grade Cobalt Chloride Manufacturer Market Share in 2022

3.4.2 Top 6 Battery Grade Cobalt Chloride Manufacturer Market Share in 2022

3.5 Battery Grade Cobalt Chloride Market: Overall Company Footprint Analysis

3.5.1 Battery Grade Cobalt Chloride Market: Region Footprint

3.5.2 Battery Grade Cobalt Chloride Market: Company Product Type Footprint

3.5.3 Battery Grade Cobalt Chloride 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 Battery Grade Cobalt Chloride Market Size by Region

4.1.1 Global Battery Grade Cobalt Chloride Sales Quantity by Region (2018-2029)

4.1.2 Global Battery Grade Cobalt Chloride Consumption Value by Region (2018-2029)

4.1.3 Global Battery Grade Cobalt Chloride Average Price by Region (2018-2029)

4.2 North America Battery Grade Cobalt Chloride Consumption Value (2018-2029)

4.3 Europe Battery Grade Cobalt Chloride Consumption Value (2018-2029)

4.4 Asia-Pacific Battery Grade Cobalt Chloride Consumption Value (2018-2029)

- 4.5 South America Battery Grade Cobalt Chloride Consumption Value (2018-2029)
- 4.6 Middle East and Africa Battery Grade Cobalt Chloride Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Battery Grade Cobalt Chloride Sales Quantity by Type (2018-2029)
- 5.2 Global Battery Grade Cobalt Chloride Consumption Value by Type (2018-2029)
- 5.3 Global Battery Grade Cobalt Chloride Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2029)
- 6.2 Global Battery Grade Cobalt Chloride Consumption Value by Application (2018-2029)
- 6.3 Global Battery Grade Cobalt Chloride Average Price by Application (2018-2029)

7 NORTH AMERICA

- 7.1 North America Battery Grade Cobalt Chloride Sales Quantity by Type (2018-2029)
- 7.2 North America Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2029)
- 7.3 North America Battery Grade Cobalt Chloride Market Size by Country
 - 7.3.1 North America Battery Grade Cobalt Chloride Sales Quantity by Country (2018-2029)
 - 7.3.2 North America Battery Grade Cobalt Chloride Consumption Value by Country (2018-2029)
 - 7.3.3 United States Market Size and Forecast (2018-2029)
 - 7.3.4 Canada Market Size and Forecast (2018-2029)
 - 7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

- 8.1 Europe Battery Grade Cobalt Chloride Sales Quantity by Type (2018-2029)
- 8.2 Europe Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2029)
- 8.3 Europe Battery Grade Cobalt Chloride Market Size by Country
 - 8.3.1 Europe Battery Grade Cobalt Chloride Sales Quantity by Country (2018-2029)
 - 8.3.2 Europe Battery Grade Cobalt Chloride Consumption Value by Country (2018-2029)

- 8.3.3 Germany Market Size and Forecast (2018-2029)
- 8.3.4 France Market Size and Forecast (2018-2029)
- 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
- 8.3.6 Russia Market Size and Forecast (2018-2029)
- 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Battery Grade Cobalt Chloride Market Size by Region
 - 9.3.1 Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity by Region (2018-2029)
 - 9.3.2 Asia-Pacific Battery Grade Cobalt Chloride Consumption Value by Region (2018-2029)
 - 9.3.3 China Market Size and Forecast (2018-2029)
 - 9.3.4 Japan Market Size and Forecast (2018-2029)
 - 9.3.5 Korea Market Size and Forecast (2018-2029)
 - 9.3.6 India Market Size and Forecast (2018-2029)
 - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
 - 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

- 10.1 South America Battery Grade Cobalt Chloride Sales Quantity by Type (2018-2029)
- 10.2 South America Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2029)
- 10.3 South America Battery Grade Cobalt Chloride Market Size by Country
 - 10.3.1 South America Battery Grade Cobalt Chloride Sales Quantity by Country (2018-2029)
 - 10.3.2 South America Battery Grade Cobalt Chloride Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity by Type

(2018-2029)

11.2 Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Battery Grade Cobalt Chloride Market Size by Country

11.3.1 Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Battery Grade Cobalt Chloride Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Battery Grade Cobalt Chloride Market Drivers

12.2 Battery Grade Cobalt Chloride Market Restraints

12.3 Battery Grade Cobalt Chloride 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

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Battery Grade Cobalt Chloride and Key Manufacturers

13.2 Manufacturing Costs Percentage of Battery Grade Cobalt Chloride

13.3 Battery Grade Cobalt Chloride Production Process

13.4 Battery Grade Cobalt Chloride Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Battery Grade Cobalt Chloride Typical Distributors

14.3 Battery Grade Cobalt Chloride 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 Battery Grade Cobalt Chloride Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Battery Grade Cobalt Chloride Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Zhejiang Huayou Cobalt Basic Information, Manufacturing Base and Competitors

Table 4. Zhejiang Huayou Cobalt Major Business

Table 5. Zhejiang Huayou Cobalt Battery Grade Cobalt Chloride Product and Services

Table 6. Zhejiang Huayou Cobalt Battery Grade Cobalt Chloride Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Zhejiang Huayou Cobalt Recent Developments/Updates

Table 8. Ganzhou Teng Yuan Cobalt New Material Basic Information, Manufacturing Base and Competitors

Table 9. Ganzhou Teng Yuan Cobalt New Material Major Business

Table 10. Ganzhou Teng Yuan Cobalt New Material Battery Grade Cobalt Chloride Product and Services

Table 11. Ganzhou Teng Yuan Cobalt New Material Battery Grade Cobalt Chloride Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Ganzhou Teng Yuan Cobalt New Material Recent Developments/Updates

Table 13. Nantong Xinwei Nickel & Cobalt Hightech Development Basic Information, Manufacturing Base and Competitors

Table 14. Nantong Xinwei Nickel & Cobalt Hightech Development Major Business

Table 15. Nantong Xinwei Nickel & Cobalt Hightech Development Battery Grade Cobalt Chloride Product and Services

Table 16. Nantong Xinwei Nickel & Cobalt Hightech Development Battery Grade Cobalt Chloride Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Nantong Xinwei Nickel & Cobalt Hightech Development Recent Developments/Updates

Table 18. Zhangjiagang Huayi Chemical Basic Information, Manufacturing Base and Competitors

Table 19. Zhangjiagang Huayi Chemical Major Business

Table 20. Zhangjiagang Huayi Chemical Battery Grade Cobalt Chloride Product and

Services

Table 21. Zhangjiagang Huayi Chemical Battery Grade Cobalt Chloride Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Zhangjiagang Huayi Chemical Recent Developments/Updates

Table 23. Hebei Kingway Chemical Industry Basic Information, Manufacturing Base and Competitors

Table 24. Hebei Kingway Chemical Industry Major Business

Table 25. Hebei Kingway Chemical Industry Battery Grade Cobalt Chloride Product and Services

Table 26. Hebei Kingway Chemical Industry Battery Grade Cobalt Chloride Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Hebei Kingway Chemical Industry Recent Developments/Updates

Table 28. Umicore Basic Information, Manufacturing Base and Competitors

Table 29. Umicore Major Business

Table 30. Umicore Battery Grade Cobalt Chloride Product and Services

Table 31. Umicore Battery Grade Cobalt Chloride Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Umicore Recent Developments/Updates

Table 33. Guangdong Jiana Energy Technology Basic Information, Manufacturing Base and Competitors

Table 34. Guangdong Jiana Energy Technology Major Business

Table 35. Guangdong Jiana Energy Technology Battery Grade Cobalt Chloride Product and Services

Table 36. Guangdong Jiana Energy Technology Battery Grade Cobalt Chloride Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Guangdong Jiana Energy Technology Recent Developments/Updates

Table 38. GEM Basic Information, Manufacturing Base and Competitors

Table 39. GEM Major Business

Table 40. GEM Battery Grade Cobalt Chloride Product and Services

Table 41. GEM Battery Grade Cobalt Chloride Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. GEM Recent Developments/Updates

Table 43. Global Battery Grade Cobalt Chloride Sales Quantity by Manufacturer (2018-2023) & (Tons)

Table 44. Global Battery Grade Cobalt Chloride Revenue by Manufacturer (2018-2023) & (USD Million)

Table 45. Global Battery Grade Cobalt Chloride Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 46. Market Position of Manufacturers in Battery Grade Cobalt Chloride, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 47. Head Office and Battery Grade Cobalt Chloride Production Site of Key Manufacturer

Table 48. Battery Grade Cobalt Chloride Market: Company Product Type Footprint

Table 49. Battery Grade Cobalt Chloride Market: Company Product Application Footprint

Table 50. Battery Grade Cobalt Chloride New Market Entrants and Barriers to Market Entry

Table 51. Battery Grade Cobalt Chloride Mergers, Acquisition, Agreements, and Collaborations

Table 52. Global Battery Grade Cobalt Chloride Sales Quantity by Region (2018-2023) & (Tons)

Table 53. Global Battery Grade Cobalt Chloride Sales Quantity by Region (2024-2029) & (Tons)

Table 54. Global Battery Grade Cobalt Chloride Consumption Value by Region (2018-2023) & (USD Million)

Table 55. Global Battery Grade Cobalt Chloride Consumption Value by Region (2024-2029) & (USD Million)

Table 56. Global Battery Grade Cobalt Chloride Average Price by Region (2018-2023) & (US\$/Ton)

Table 57. Global Battery Grade Cobalt Chloride Average Price by Region (2024-2029) & (US\$/Ton)

Table 58. Global Battery Grade Cobalt Chloride Sales Quantity by Type (2018-2023) & (Tons)

Table 59. Global Battery Grade Cobalt Chloride Sales Quantity by Type (2024-2029) & (Tons)

Table 60. Global Battery Grade Cobalt Chloride Consumption Value by Type (2018-2023) & (USD Million)

Table 61. Global Battery Grade Cobalt Chloride Consumption Value by Type (2024-2029) & (USD Million)

Table 62. Global Battery Grade Cobalt Chloride Average Price by Type (2018-2023) & (US\$/Ton)

Table 63. Global Battery Grade Cobalt Chloride Average Price by Type (2024-2029) & (US\$/Ton)

Table 64. Global Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2023) & (Tons)

Table 65. Global Battery Grade Cobalt Chloride Sales Quantity by Application (2024-2029) & (Tons)

Table 66. Global Battery Grade Cobalt Chloride Consumption Value by Application (2018-2023) & (USD Million)

Table 67. Global Battery Grade Cobalt Chloride Consumption Value by Application (2024-2029) & (USD Million)

Table 68. Global Battery Grade Cobalt Chloride Average Price by Application (2018-2023) & (US\$/Ton)

Table 69. Global Battery Grade Cobalt Chloride Average Price by Application (2024-2029) & (US\$/Ton)

Table 70. North America Battery Grade Cobalt Chloride Sales Quantity by Type (2018-2023) & (Tons)

Table 71. North America Battery Grade Cobalt Chloride Sales Quantity by Type (2024-2029) & (Tons)

Table 72. North America Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2023) & (Tons)

Table 73. North America Battery Grade Cobalt Chloride Sales Quantity by Application (2024-2029) & (Tons)

Table 74. North America Battery Grade Cobalt Chloride Sales Quantity by Country (2018-2023) & (Tons)

Table 75. North America Battery Grade Cobalt Chloride Sales Quantity by Country (2024-2029) & (Tons)

Table 76. North America Battery Grade Cobalt Chloride Consumption Value by Country (2018-2023) & (USD Million)

Table 77. North America Battery Grade Cobalt Chloride Consumption Value by Country (2024-2029) & (USD Million)

Table 78. Europe Battery Grade Cobalt Chloride Sales Quantity by Type (2018-2023) & (Tons)

Table 79. Europe Battery Grade Cobalt Chloride Sales Quantity by Type (2024-2029) & (Tons)

Table 80. Europe Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2023) & (Tons)

Table 81. Europe Battery Grade Cobalt Chloride Sales Quantity by Application (2024-2029) & (Tons)

Table 82. Europe Battery Grade Cobalt Chloride Sales Quantity by Country (2018-2023) & (Tons)

Table 83. Europe Battery Grade Cobalt Chloride Sales Quantity by Country (2024-2029) & (Tons)

Table 84. Europe Battery Grade Cobalt Chloride Consumption Value by Country

(2018-2023) & (USD Million)

Table 85. Europe Battery Grade Cobalt Chloride Consumption Value by Country
(2024-2029) & (USD Million)

Table 86. Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity by Type
(2018-2023) & (Tons)

Table 87. Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity by Type
(2024-2029) & (Tons)

Table 88. Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity by Application
(2018-2023) & (Tons)

Table 89. Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity by Application
(2024-2029) & (Tons)

Table 90. Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity by Region
(2018-2023) & (Tons)

Table 91. Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity by Region
(2024-2029) & (Tons)

Table 92. Asia-Pacific Battery Grade Cobalt Chloride Consumption Value by Region
(2018-2023) & (USD Million)

Table 93. Asia-Pacific Battery Grade Cobalt Chloride Consumption Value by Region
(2024-2029) & (USD Million)

Table 94. South America Battery Grade Cobalt Chloride Sales Quantity by Type
(2018-2023) & (Tons)

Table 95. South America Battery Grade Cobalt Chloride Sales Quantity by Type
(2024-2029) & (Tons)

Table 96. South America Battery Grade Cobalt Chloride Sales Quantity by Application
(2018-2023) & (Tons)

Table 97. South America Battery Grade Cobalt Chloride Sales Quantity by Application
(2024-2029) & (Tons)

Table 98. South America Battery Grade Cobalt Chloride Sales Quantity by Country
(2018-2023) & (Tons)

Table 99. South America Battery Grade Cobalt Chloride Sales Quantity by Country
(2024-2029) & (Tons)

Table 100. South America Battery Grade Cobalt Chloride Consumption Value by
Country (2018-2023) & (USD Million)

Table 101. South America Battery Grade Cobalt Chloride Consumption Value by
Country (2024-2029) & (USD Million)

Table 102. Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity by Type
(2018-2023) & (Tons)

Table 103. Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity by Type
(2024-2029) & (Tons)

Table 104. Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity by Application (2018-2023) & (Tons)

Table 105. Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity by Application (2024-2029) & (Tons)

Table 106. Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity by Region (2018-2023) & (Tons)

Table 107. Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity by Region (2024-2029) & (Tons)

Table 108. Middle East & Africa Battery Grade Cobalt Chloride Consumption Value by Region (2018-2023) & (USD Million)

Table 109. Middle East & Africa Battery Grade Cobalt Chloride Consumption Value by Region (2024-2029) & (USD Million)

Table 110. Battery Grade Cobalt Chloride Raw Material

Table 111. Key Manufacturers of Battery Grade Cobalt Chloride Raw Materials

Table 112. Battery Grade Cobalt Chloride Typical Distributors

Table 113. Battery Grade Cobalt Chloride Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Battery Grade Cobalt Chloride Picture

Figure 2. Global Battery Grade Cobalt Chloride Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Battery Grade Cobalt Chloride Consumption Value Market Share by Type in 2022

Figure 4. Purity 2N Examples

Figure 5. Purity 3N Examples

Figure 6. Purity 4N Examples

Figure 7. Global Battery Grade Cobalt Chloride Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global Battery Grade Cobalt Chloride Consumption Value Market Share by Application in 2022

Figure 9. Consumer Battery Examples

Figure 10. Power Battery Examples

Figure 11. Energy Storage Battery Examples

Figure 12. Global Battery Grade Cobalt Chloride Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 13. Global Battery Grade Cobalt Chloride Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 14. Global Battery Grade Cobalt Chloride Sales Quantity (2018-2029) & (Tons)

Figure 15. Global Battery Grade Cobalt Chloride Average Price (2018-2029) & (US\$/Ton)

Figure 16. Global Battery Grade Cobalt Chloride Sales Quantity Market Share by Manufacturer in 2022

Figure 17. Global Battery Grade Cobalt Chloride Consumption Value Market Share by Manufacturer in 2022

Figure 18. Producer Shipments of Battery Grade Cobalt Chloride by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 19. Top 3 Battery Grade Cobalt Chloride Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Top 6 Battery Grade Cobalt Chloride Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Global Battery Grade Cobalt Chloride Sales Quantity Market Share by Region (2018-2029)

Figure 22. Global Battery Grade Cobalt Chloride Consumption Value Market Share by

Region (2018-2029)

Figure 23. North America Battery Grade Cobalt Chloride Consumption Value (2018-2029) & (USD Million)

Figure 24. Europe Battery Grade Cobalt Chloride Consumption Value (2018-2029) & (USD Million)

Figure 25. Asia-Pacific Battery Grade Cobalt Chloride Consumption Value (2018-2029) & (USD Million)

Figure 26. South America Battery Grade Cobalt Chloride Consumption Value (2018-2029) & (USD Million)

Figure 27. Middle East & Africa Battery Grade Cobalt Chloride Consumption Value (2018-2029) & (USD Million)

Figure 28. Global Battery Grade Cobalt Chloride Sales Quantity Market Share by Type (2018-2029)

Figure 29. Global Battery Grade Cobalt Chloride Consumption Value Market Share by Type (2018-2029)

Figure 30. Global Battery Grade Cobalt Chloride Average Price by Type (2018-2029) & (US\$/Ton)

Figure 31. Global Battery Grade Cobalt Chloride Sales Quantity Market Share by Application (2018-2029)

Figure 32. Global Battery Grade Cobalt Chloride Consumption Value Market Share by Application (2018-2029)

Figure 33. Global Battery Grade Cobalt Chloride Average Price by Application (2018-2029) & (US\$/Ton)

Figure 34. North America Battery Grade Cobalt Chloride Sales Quantity Market Share by Type (2018-2029)

Figure 35. North America Battery Grade Cobalt Chloride Sales Quantity Market Share by Application (2018-2029)

Figure 36. North America Battery Grade Cobalt Chloride Sales Quantity Market Share by Country (2018-2029)

Figure 37. North America Battery Grade Cobalt Chloride Consumption Value Market Share by Country (2018-2029)

Figure 38. United States Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Canada Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Mexico Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Europe Battery Grade Cobalt Chloride Sales Quantity Market Share by Type (2018-2029)

Figure 42. Europe Battery Grade Cobalt Chloride Sales Quantity Market Share by Application (2018-2029)

Figure 43. Europe Battery Grade Cobalt Chloride Sales Quantity Market Share by Country (2018-2029)

Figure 44. Europe Battery Grade Cobalt Chloride Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Battery Grade Cobalt Chloride Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Battery Grade Cobalt Chloride Consumption Value Market Share by Region (2018-2029)

Figure 54. China Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Battery Grade Cobalt Chloride Sales Quantity Market Share by Type (2018-2029)

Figure 61. South America Battery Grade Cobalt Chloride Sales Quantity Market Share

by Application (2018-2029)

Figure 62. South America Battery Grade Cobalt Chloride Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Battery Grade Cobalt Chloride Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity Market Share by Type (2018-2029)

Figure 67. Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Battery Grade Cobalt Chloride Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Battery Grade Cobalt Chloride Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Battery Grade Cobalt Chloride Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Battery Grade Cobalt Chloride Market Drivers

Figure 75. Battery Grade Cobalt Chloride Market Restraints

Figure 76. Battery Grade Cobalt Chloride Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Battery Grade Cobalt Chloride in 2022

Figure 79. Manufacturing Process Analysis of Battery Grade Cobalt Chloride

Figure 80. Battery Grade Cobalt Chloride Industrial Chain

Figure 81. Sales Quantity 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 Battery Grade Cobalt Chloride Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G73219E1960FEN.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/G73219E1960FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

