

Barium Carbonate Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/B9E7978DBF1EN.html>

Date: June 2023

Pages: 141

Price: US\$ 2,499.00 (Single User License)

ID: B9E7978DBF1EN

Abstracts

Market Overview:

The global barium carbonate market size reached US\$ 617.8 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 911.6 Million by 2028, exhibiting a growth rate (CAGR) of 6.5% during 2023-2028.

Barium carbonate (BaCO_3) is a white solid sourced from the precipitation of barium hydroxide and urea. It is also obtained from mineral barite or barium chloride. Barium carbonate is water-insoluble, tasteless, odorless, dense and extremely toxic in nature. It is utilized in the production of various commercial products, which include rubber, paints, enamels, ceramics, oil drilling, glass, and bricks. Specialty glass made using barium carbonate provides radiation shielding in CRT televisions. It is also used in making bricks, clays, photographic paper coatings, hard ferrite magnets, permanent ceramic magnets for loudspeakers and in the removal of sulphate from salt brines before they are fed into electrolytic cells. Besides this, the high toxicity of barium carbonate makes it an ideal solution in the formulation of rodenticides.

Barium Carbonate Market Trends:

Rapid expansion in the construction and real estate industries is primarily driving the global barium carbonate market toward growth. Besides this, governments of various nations have been focusing on infrastructural development, which is escalating the demand for bricks and ceramic tiles. The market growth is further supported by significantly increasing urbanization and disposable incomes, particularly in developing countries, which has led to the inflating sales of premium-quality decorative items, such

as vases, glass paintings, and ceramic figurines. Moreover, the electro-ceramics industry has been witnessing significant growth, wherein barium carbonate is utilized in the production of several components, such as piezoelectric transducers, electromechanical devices, sensors, and optical modulators. Furthermore, the implementation of stringent regulations to control environmental degradation caused by the industrial sector has prompted key players to adopt eco-friendly processes for producing barium carbonate, such as using methane as the reducing agent, which is creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global barium carbonate market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on end use.

Breakup by End Use:

- Glass
- Brick and Clay
- Barium Ferrites
- Photographic Paper Coatings
- Others

At present, barium carbonate is most widely used in brick and clay production across the globe.

Regional Insights:

- China
- Japan
- Latin America
- Middle East and Africa
- Europe
- Others

At the regional level, China exhibits a clear dominance in the market, accounting for majority of the total global market.

Competitive Landscape:

The competitive landscape of the industry has also been examined, along with the profiles of the key players. Some of these players include Solvay S.A., Chemical Products Corporation, Hubei Jingshan Chutian Barium Salt Corporation Ltd., Guizhou Red Star Development Import and Export Co. Ltd., Sakai Chemical Industry Co. Ltd., Hebei Xinji Chemical Group Co. Ltd., Shhanxi Ankang Jianghua Group Co. Ltd., Zaozhuang City Yongli Chemical Co., Ltd., etc.

Key Questions Answered in This Report:

What was the size of the global barium carbonate market in 2022?

What is the expected growth rate of the global barium carbonate market during 2023-2028?

What are the key factors driving the global barium carbonate market?

What has been the impact of COVID-19 on the global barium carbonate market?

What is the breakup of the global barium carbonate market based on the end-use?

What are the key regions in the global barium carbonate market?

Who are the key players/companies in the global barium carbonate market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Physical and Chemical Properties
- 4.3 Key Industry Trends

5 GLOBAL BARIUM CARBONATE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
 - 5.2.1 Volume Trends
 - 5.2.2 Value Trends
- 5.3 Impact of COVID-19
- 5.4 Price Trends
- 5.5 Market Breakup by Region
- 5.6 Market Breakup by End-Use
- 5.7 Market Forecast
- 5.8 SWOT Analysis
 - 5.8.1 Overview
 - 5.8.2 Strengths
 - 5.8.3 Weaknesses

- 5.8.4 Opportunities
- 5.8.5 Threats
- 5.9 Value Chain Analysis
 - 5.9.1 Raw Material Procurement
 - 5.9.2 Manufacturing
 - 5.9.3 Marketing
 - 5.9.4 Distribution
 - 5.9.5 Exports
 - 5.9.6 End-Use
- 5.10 Porter's Five Forces Analysis
 - 5.10.1 Overview
 - 5.10.2 Bargaining Power of Buyers
 - 5.10.3 Bargaining Power of Suppliers
 - 5.10.4 Degree of Competition
 - 5.10.5 Threat of New Entrants
 - 5.10.6 Threat of Substitutes
- 5.11 Trade Data
 - 5.11.1 Imports
 - 5.11.2 Exports
- 5.12 Key Market Drivers and Success Factors

6 PERFORMANCE OF KEY REGIONS

- 6.1 China
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Japan
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Latin America
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Middle East and Africa
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Europe
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Others

6.6.1 Market Trends

6.6.2 Market Forecast

7 MARKET BY END-USE

7.1 Glass

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Brick and Clay

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Barium Ferrites

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Photographic Paper Coatings

7.4.1 Market Trends

7.4.2 Market Forecast

7.5 Others

7.5.1 Market Trends

7.5.2 Market Forecast

8 COMPETITIVE LANDSCAPE

8.1 Market Structure

8.2 Key Players

9 BARIUM CARBONATE MANUFACTURING PROCESS

9.1 Product Overview

9.2 Chemical Reactions Involved

9.3 Manufacturing Process

9.4 Detailed Process Flow

9.5 Raw Material Requirements

9.6 Mass Balance and Feedstock Conversion Rates

10 BARIUM CARBONATE FEEDSTOCK MARKET ANALYSIS

10.1 Barite

10.1.1 Market Performance

- 10.1.1.1 Volume Trends
- 10.1.1.2 Value Trends
- 10.1.2 Price Trends
- 10.1.3 Market Breakup by Region
- 10.1.4 Market Breakup by End-Use
- 10.1.5 Key Suppliers
- 10.2 Pet Coke
 - 10.2.1 Market Performance
 - 10.2.1.1 Volume Trends
 - 10.2.1.2 Value Trends
 - 10.2.2 Price Trends
 - 10.2.3 Market Breakup by Region
 - 10.2.4 Market Breakup by End-Use
 - 10.2.5 Key Suppliers
- 10.3 Sodium Carbonate
 - 10.3.1 Market Performance
 - 10.3.1.1 Volume Trends
 - 10.3.1.2 Value Trends
 - 10.3.2 Price Trends
 - 10.3.3 Market Breakup by Region
 - 10.3.4 Market Breakup by End-Use
 - 10.3.5 Key Suppliers

11 KEY PLAYER PROFILES

List Of Tables

LIST OF TABLES

Table 1: Barium Carbonate: Physical Properties

Table 2: Barium Carbonate: Chemical Properties

Table 3: Global: Barium Carbonate Market: Key Industry Highlights, 2022 and 2028

Table 4: Global: Barium Carbonate Market Forecast: Breakup by Region (in Tons), 2023-2028

Table 5: Global: Barium Carbonate Market Forecast: Breakup by End-Use (in Tons), 2023-2028

Table 6: Global: Barium Carbonate Market: Competitive Structure

Table 7: Global: Barium Carbonate Market: Imports by Major Countries

Table 8: Global: Barium Carbonate Market: Exports by Major Countries

Table 9: Global: Barium Carbonate: List of Major Players

Table 10: Barium Carbonate Manufacturing: Raw Material Requirements

Table 11: Barium Carbonate Manufacturing: Chemical Reactions Involved

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Barium Carbonate Market: Major Drivers and Challenges
- Figure 2: Global: Barium Carbonate Market: Production Volume Trends (in '000 Tons), 2017-2022
- Figure 3: Global: Barium Carbonate Market: Production Value Trends (in Million US\$), 2017-2022
- Figure 4: Global: Barium Carbonate Market: Average Price Trends (in US\$/Ton), 2017-2022
- Figure 5: Global: Barium Carbonate Market: Breakup by Region (in %), 2022
- Figure 6: Global: Barium Carbonate Market: Breakup by End-Use (in %), 2022
- Figure 7: Global: Barium Carbonate Market Forecast: Production Volume Trends (in '000 Tons), 2023-2028
- Figure 8: Global: Barium Carbonate Market Forecast: Production Value Trends (in Million US\$), 2023-2028
- Figure 9: Global: Barium Carbonate Industry: SWOT Analysis
- Figure 10: Global: Barium Carbonate Industry: Value Chain Analysis
- Figure 11: Global: Barium Carbonate Industry: Porter's Five Forces Analysis
- Figure 12: Global: Barium Carbonate Market: Import Value Breakup by Country (in %)
- Figure 13: Japan: Barium Carbonate Market: Import Value Trend (in '000 US\$)
- Figure 14: Global: Barium Carbonate Market: Export Value Breakup by Country (in %)
- Figure 15: China: Barium Carbonate Market: Export Value Trend (in '000 US\$)
- Figure 16: China: Barium Carbonate Market (in Tons), 2017 & 2022
- Figure 17: China: Barium Carbonate Market Forecast (in Tons), 2023-2028
- Figure 18: Japan: Barium Carbonate Market (in Tons), 2017 & 2022
- Figure 19: Japan: Barium Carbonate Market Forecast (in Tons), 2023-2028
- Figure 20: Latin America: Barium Carbonate Market (in Tons), 2017 & 2022
- Figure 21: Latin America: Barium Carbonate Market Forecast (in Tons), 2023-2028
- Figure 22: Middle East and Africa: Barium Carbonate Market (in Tons), 2017 & 2022
- Figure 23: Middle East and Africa: Barium Carbonate Market Forecast (in Tons), 2023-2028
- Figure 24: Europe: Barium Carbonate Market (in Tons), 2017 & 2022
- Figure 25: Europe: Barium Carbonate Market Forecast (in Tons), 2023-2028
- Figure 26: Others: Barium Carbonate Market (in Tons), 2017 & 2022
- Figure 27: Others: Barium Carbonate Market Forecast (in Tons), 2023-2028
- Figure 28: Global: Barium Carbonate Market: Glass (in Tons), 2017 & 2022
- Figure 29: Global: Barium Carbonate Market Forecast: Glass (in Tons), 2023-2028

Figure 30: Global: Barium Carbonate Market: Brick and Clay (in Tons), 2017 & 2022

Figure 31: Global: Barium Carbonate Market Forecast: Brick and Clay (in Tons), 2023-2028

Figure 32: Global: Barium Carbonate Market: Barium Ferrites (in Tons), 2017 & 2022

Figure 33: Global: Barium Carbonate Market Forecast: Barium Ferrites (in Tons), 2023-2028

Figure 34: Global: Barium Carbonate Market: Photographic Paper Coatings (in Tons), 2017 & 2022

Figure 35: Global: Barium Carbonate Market Forecast: Photographic Paper Coatings (in Tons), 2023-2028

Figure 36: Global: Barium Carbonate Market: Other Applications (in Tons), 2017 & 2022

Figure 37: Global: Barium Carbonate Market Forecast: Other Applications (in Tons), 2023-2028

Figure 38: Barium Carbonate Manufacturing: Detailed Process Flow

Figure 39: Barium Carbonate Manufacturing: Conversion Rate of Feedstocks

Figure 40: Global: Barite Market: Production Volume Trends (in Million Tons), 2017-2022

Figure 41: Global: Barite Market: Production Value Trends (in Million US\$), 2017-2022

Figure 42: Global: Barite Market Forecast: Production Volume Trends (in Million Tons), 2023-2028

Figure 43: Global: Barite Market Forecast: Production Value Trends (in Million US\$), 2023-2028

Figure 44: Global: Barite Market: Average Price Trends (in US\$/Ton), 2017-2028

Figure 45: Global: Barite Market: Breakup by Region (in %)

Figure 46: Global: Barite Market: Breakup by End-Use (in %)

Figure 47: Global: Barite Market: Breakup by Key Players (in %)

Figure 48: Global: Petcoke Market: Production Volume Trends (in Million Dry Metric Tons), 2017-2022

Figure 49: Global: Petcoke Market: Production Value Trends (in Million US\$), 2017-2022

Figure 50: Global: Petcoke Market Forecast: Production Volume Trends (in Million Dry Metric Tons), 2023-2028

Figure 51: Global: Petcoke Market Forecast: Production Value Trends (in Million US\$), 2023-2028

Figure 52: Global: Petcoke Market: Average Price Trends (in US\$/Ton), 2017-2028

Figure 53: Global: Petcoke Market: Breakup by Region (in %)

Figure 54: Global: Petcoke Market: Breakup by End-Use (in %)

Figure 55: Global: Petcoke Market: Production Capacity Breakup by Key Players (in %)

Figure 56: Global: Sodium Carbonate Market: Production Volume Trends (in Million

Tons), 2017-2022

Figure 57: Global: Sodium Carbonate Market: Production Value Trends (in Million US\$), 2017-2022

Figure 58: Global: Sodium Carbonate Market Forecast: Production Volume Trends (in Million Tons), 2023-2028

Figure 59: Global: Sodium Carbonate Market Forecast: Production Value Trends (in Million US\$), 2023-2028

Figure 60: Global: Sodium Carbonate Market: Average Price Trends (in US\$/Ton), 2017-2028

Figure 61: Global: Sodium Carbonate Market: Breakup by Region (in %)

Figure 62: Global: Sodium Carbonate Market: Breakup by End-Use (in %)

Figure 63: Global: Sodium Carbonate Market: Production Capacity Breakup by Key Players (in %)

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