Calcium Carbonate Market Research Report Forecast till 2023

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Description:

**Global Calcium Carbonate Market Information: By Type (Ground Calcium Carbonate And Precipitated Calcium Carbonate), Application (Paper, Paints & Coatings, Plastics, Adhesives & Sealants, Water Treatment, Construction, And Others) And Region- Forecast Till 2023**

Calcium carbonate is a carbonic salt of calcium. It is colorless, odorless, and tasteless crystalline compound. It is found naturally in limestone rock or can be produced commercially by the decomposition of limestone to calcium Oxide followed by subsequent re-carbonization.

The global calcium carbonate market is majorly driven by its use as a filler in the paper, plastics, and adhesive industry due to its properties such as purity and brittleness. Silica-based calcium carbonate is widely consumed in the paper industry to improve mechanical, structural, and optical properties of paper. The use of calcium carbonate as an extender and filler in paints is another factor driving the market growth as it enhances the brightness and durability of the paint. Calcium carbonate is highly used in dietary supplements and additive in manufacturing polyvinyl chloride (PVC). The rising demand for polyvinyl chloride in concrete, pipes, flooring, and furniture is likely to augment the market growth during the assessment period. Furthermore, the calcium carbonate improves gap filling and viscosity property and controls the shrinking when used in adhesives and sealants, which in turn is driving its demand in the adhesive industry. Also, it is used to adjust pH levels in water through neutralization process. Thus, the demand for water treatment chemicals is anticipated to further surge the market demand in coming years. However, the threat of substitution by kaolin as it is easier to treat and disperse may challenge the market growth. Environmental hazards of limestone mining such as deforestation, loss of vegetation, disruption to natural aquifers, and others may hamper the market growth. Nevertheless, some of the recent development in the global calcium carbonate market is likely to create better opportunities in coming years. For instance, the acquisition of calcium carbonates and dolomite business of Vimal Microns Ltd by Imerys in 2018 has strengthened the market in India. Emerging trend for usage of nano-precipitated calcium carbonate for desirable properties such as high porosity, high surface area to volume ration, and exceptional mechanical properties may offer substantial opportunities for the calcium carbonate market over the next 7 years.

**Global Calcium Carbonate Share, by the Application (%)**
Regional Analysis

The global calcium carbonate market is segmented into five regions of Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa.

The Asia Pacific is the fastest emerging region in the global calcium carbonate market due to the high exportation of materials and goods in the region. The growth can be attributed to the growing packaging industry in countries such as China, India, and Japan.

North America is the second largest region in the global calcium carbonate market due to the high production and sales of paper and pulp products in Canada.

The European market is growing due to the rising demand for the product from paints & coatings, food & beverage, and pharmaceutical industries.

The Middle East & Africa is expected to experience a significant market growth due to the expanding infrastructural activities in this region.

Segmentation

The global calcium carbonate market is segmented on the basis of the type, application, and region.

On the basis of the type, the global calcium carbonate market is segmented into ground calcium carbonate (GCC) and precipitated calcium carbonate (PCC).

The global calcium carbonate market is segmented by its application into paper, paints & coatings, plastics, adhesives & sealants, water treatment, construction, and others.

Geographically, the global calcium carbonate market is spanned across five regions namely Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa.

Key Players

Some of the manufacturers operating in the global calcium carbonate market are Omya AG (Switzerland), Imerys Pigments, Inc. (U.S.), Mineral Technologies Inc. (U.S.), United Mining Investments Co. (Saudi Arabia), Yuncheng Chemical Industrial CO., Ltd. (Taiwan), Huber Engineered Materials (U.S.), Zhejiang Jiande Longhua plastics Ltd. (China), MARUA CALCIUM CO., LTD. (Japan), GLC Minerals, LLC (U.S.), Calchem (India), Graymont Limited (U.S.), and FUJIAN SANMU NANO CALCIUM CARBONATE CO., LTD. (China).

Intended Audience

- Calcium carbonate Manufacturers
- Traders and distributors of calcium carbonate
- Research and development institutes
- Potential investors
- Raw material suppliers
- Nationalized laboratory
TABLE OF CONTENTS

1 Executive Summary

2 Scope of the Report
2.1 Market Definition
2.2 Scope of the Study
2.2.1 Research Objectives
2.2.2 Assumptions & Limitations
2.3 Markets Structure

3 Market Research Methodology
3.1 Research Process
3.2 Secondary Research
3.3 Primary Research
3.4 Forecast Model

4 Market Landscape
4.1 Porter’s Five Forces Analysis
4.1.1 Threat of New Entrants
4.1.2 Bargaining Power of Buyers
4.1.3 Bargaining Power of Suppliers
4.1.4 Threat of substitutes
4.1.5 Segment rivalry
4.2 Value Chain/Supply Chain of Global Calcium Carbonate Market

5 Industry Overview of Global Calcium Carbonate Market
5.1 Introduction
5.2 Growth Drivers
5.3 Impact Analysis
5.4 Market Challenges

6 Market Trends
6.1 Introduction
6.2 Growth Trends
6.3 Impact Analysis

7. Global Calcium Carbonate Market by Type
7.1 Introduction
7.2 Ground Calcium Carbonate
7.2.1 Market Estimates & Forecast, 2017-2023
7.2.2 Market Estimates & Forecast by Region, 2017-2023
7.3 Precipitated Calcium Carbonate
7.3.1 Market Estimates & Forecast, 2017-2023
7.3.2 Market Estimates & Forecast by Region, 2017-2023

8. Global Calcium Carbonate Market by Application
8.1 Introduction
8.2 Paper
8.2.1 Market Estimates & Forecast, 2017-2023
8.2.2 Market Estimates & Forecast by Region, 2017-2023
8.3 Paints & Coatings
8.3.1 Market Estimates & Forecast, 2017-2023
8.3.2 Market Estimates & Forecast by Region, 2017-2023
8.4 Plastics
8.4.1 Market Estimates & Forecast, 2017-2023
8.4.2 Market Estimates & Forecast by Region, 2017-2023
8.5 Adhesives & Sealants
8.5.1 Market Estimates & Forecast, 2017-2023
8.5.2 Market Estimates & Forecast by Region, 2017-2023
8.6 Water Treatment
8.6.1 Market Estimates & Forecast, 2017-2023
8.6.2 Market Estimates & Forecast by Region, 2017-2023
8.7 Construction
8.7.1 Market Estimates & Forecast, 2017-2023
8.7.2 Market Estimates & Forecast by Region, 2017-2023
8.8 Others
8.8.1 Market Estimates & Forecast, 2017-2023
8.8.2 Market Estimates & Forecast by Region, 2017-2023

9. Global Calcium Carbonate Market by Region
9.1 Introduction
9.2 North America
9.2.1 Market Estimates & Forecast, 2017-2023
9.2.2 Market Estimates & Forecast by Type, 2017-2023
9.2.3 Market Estimates & Forecast by Application, 2017-2023
9.2.4 U.S.
9.2.4.1 Market Estimates & Forecast, 2017-2023
9.2.4.2 Market Estimates & Forecast by Type, 2017-2023
9.2.4.3 Market Estimates & Forecast by Application, 2017-2023
9.2.5 Canada
9.2.5.1 Market Estimates & Forecast, 2017-2023
9.2.5.2 Market Estimates & Forecast by Type, 2017-2023
9.2.5.3 Market Estimates & Forecast by Application, 2017-2023
9.3 Europe
9.3.1 Market Estimates & Forecast, 2017-2023
9.3.2 Market Estimates & Forecast by Type, 2017-2023
9.3.3 Market Estimates & Forecast by Application, 2017-2023
9.3.4 Germany
9.3.4.1 Market Estimates & Forecast, 2017-2023
9.3.4.2 Market Estimates & Forecast by Type, 2017-2023
9.3.4.3 Market Estimates & Forecast by Application, 2017-2023
9.3.5 France
9.3.5.1 Market Estimates & Forecast, 2017-2023
9.3.5.2 Market Estimates & Forecast by Type, 2017-2023
9.3.5.3 Market Estimates & Forecast by Application, 2017-2023
9.3.6 Italy
9.3.6.1 Market Estimates & Forecast, 2017-2023
9.3.6.2 Market Estimates & Forecast by Type, 2017-2023
9.3.6.3 Market Estimates & Forecast by Application, 2017-2023
9.3.7 Spain
9.3.7.1 Market Estimates & Forecast, 2017-2023
9.3.7.2 Market Estimates & Forecast by Type, 2017-2023
9.3.7.2 Market Estimates & Forecast by Application, 2017-2023
9.3.8 U.K
9.3.8.1 Market Estimates & Forecast, 2017-2023
9.3.8.2 Market Estimates & Forecast by Type, 2017-2023
9.3.8.2 Market Estimates & Forecast by Application, 2017-2023
9.3.9 Russia
9.3.9.1 Market Estimates & Forecast, 2017-2023
9.3.9.2 Market Estimates & Forecast by Type, 2017-2023
9.3.9.2 Market Estimates & Forecast by Application, 2017-2023
9.3.10 Poland
9.3.10.1 Market Estimates & Forecast, 2017-2023
9.3.10.2 Market Estimates & Forecast by Type, 2017-2023
9.3.10.2 Market Estimates & Forecast by Application, 2017-2023
9.4 Asia Pacific
9.4.1 Market Estimates & Forecast, 2017-2023
9.4.2 Market Estimates & Forecast by Type, 2017-2023
9.4.3 Market Estimates & Forecast by Application, 2017-2023
9.4.4 China
9.4.4.1 Market Estimates & Forecast, 2017-2023
9.4.4.2 Market Estimates & Forecast by Type, 2017-2023
9.4.4.3 Market Estimates & Forecast by Application, 2017-2023
9.4.5 India
9.4.4.1 Market Estimates & Forecast, 2017-2023
9.4.4.2 Market Estimates & Forecast by Type, 2017-2023
9.4.4.3 Market Estimates & Forecast by Application, 2017-2023
9.4.5 Japan
9.4.5.1 Market Estimates & Forecast, 2017-2023
9.4.5.2 Market Estimates & Forecast by Type, 2017-2023
9.4.5.3 Market Estimates & Forecast by Application, 2017-2023
9.4.6 Australia
9.4.6.1 Market Estimates & Forecast, 2017-2023
9.4.6.2 Market Estimates & Forecast by Type, 2017-2023
9.4.6.3 Market Estimates & Forecast by Application, 2017-2023
9.4.7 New Zealand
9.4.7.1 Market Estimates & Forecast, 2017-2023
9.4.7.2 Market Estimates & Forecast by Type, 2017-2023
9.4.7.3 Market Estimates & Forecast by Application, 2017-2023
9.4.8 Rest of Asia Pacific
9.4.8.1 Market Estimates & Forecast, 2017-2023
9.4.8.2 Market Estimates & Forecast by Type, 2017-2023
9.4.8.2 Market Estimates & Forecast by Application, 2017-2023
9.5 Middle East & Africa
9.5.1 Market Estimates & Forecast, 2017-2023
9.5.2 Market Estimates & Forecast by Type, 2017-2023
9.5.3 Market Estimates & Forecast by Application, 2017-2023
9.5.4 Turkey
9.5.4.1 Market Estimates & Forecast, 2017-2023
9.5.4.2 Market Estimates & Forecast by Type, 2017-2023
9.5.4.3 Market Estimates & Forecast by Application, 2017-2023
9.5.5 Israel
9.5.5.1 Market Estimates & Forecast, 2017-2023
9.5.5.2 Market Estimates & Forecast by Type, 2017-2023
9.5.5.3 Market Estimates & Forecast by Application, 2017-2023
9.5.6 North Africa
9.5.6.1 Market Estimates & Forecast, 2017-2023
9.5.6.2 Market Estimates & Forecast by Type, 2017-2023
9.5.6.3 Market Estimates & Forecast by Application, 2017-2023
9.5.7 GCC
9.5.7.1 Market Estimates & Forecast, 2017-2023
9.5.7.2 Market Estimates & Forecast by Type, 2017-2023
9.5.7.3 Market Estimates & Forecast by Application, 2017-2023
9.5.8 Rest of Middle East & Africa
9.5.8.1 Market Estimates & Forecast, 2017-2023
9.5.8.2 Market Estimates & Forecast by Type, 2017-2023
9.5.8.2 Market Estimates & Forecast by Application, 2017-2023
9.6 Latin America
9.6.1 Market Estimates & Forecast, 2017-2023
9.6.2 Market Estimates & Forecast by Type, 2017-2023
9.6.3 Market Estimates & Forecast by Application, 2017-2023
9.6.4 Brazil
9.6.4.1 Market Estimates & Forecast, 2017-2023
9.6.4.2 Market Estimates & Forecast by Type, 2017-2023
9.6.4.3 Market Estimates & Forecast by Application, 2017-2023
9.6.5 Argentina
9.6.5.1 Market Estimates & Forecast, 2017-2023
9.6.5.2 Market Estimates & Forecast by Type, 2017-2023
9.6.5.3 Market Estimates & Forecast by Application, 2017-2023
9.6.6 Mexico
9.6.6.1 Market Estimates & Forecast, 2017-2023
9.6.6.2 Market Estimates & Forecast by Type, 2017-2023
9.6.6.3 Market Estimates & Forecast by Application, 2017-2023
9.6.7 Rest of Latin America
9.6.7.1 Market Estimates & Forecast, 2017-2023
9.6.7.2 Market Estimates & Forecast by Type, 2017-2023
9.6.7.3 Market Estimates & Forecast by Application, 2017-2023
10. Company Landscape
11. Company Profiles
11.1 Omya AG
11.1.1 Company Overview
11.1.2 Type/Business Segment Overview
11.1.3 Financial Updates
11.1.4 Key Developments
11.2 Imerys Pigments, Inc.
11.2.1 Company Overview
11.2.2 Type/Business Segment Overview
11.2.3 Financial Updates
11.2.4 Key Developments
11.3 Mineral Technologies Inc.
11.3.1 Company Overview
11.3.2 Type/Business Segment Overview
11.3.3 Financial Updates
11.3.4 Key Developments
11.4 United Mining Investments Co.
11.4.1 Company Overview
11.4.2 Type/Business Segment Overview
11.4.3 Financial Updates
11.4.4 Key Developments
11.5 Yuncheng Chemical Industrial CO., Ltd.
11.5.1 Company Overview
11.5.2 Type/Business Segment Overview
11.5.3 Financial Updates
11.5.4 Key Developments
11.6 Huber Engineered Materials
11.6.1 Company Overview
11.6.2 Type/Business Segment Overview
11.6.3 Financial Updates
11.6.4 Key Developments
11.7 Zhejiang Jiande Longhua plastics Ltd.
11.7.1 Company Overview
11.7.2 Type/Business Segment Overview
11.7.3 Financial Updates
11.7.4 Key Developments
11.8 MARUA CALCIUM CO., LTD.
11.8.1 Company Overview
11.8.2 Type/Business Segment Overview
11.8.3 Financial Updates
11.8.4 Key Developments
11.9 GLC Minerals, LLC
11.9.1 Company Overview
11.9.2 Type/Business Segment Overview
11.9.3 Financial Updates
11.9.4 Key Developments
11.10 Calchem
11.10.1 Company Overview
11.10.2 Type/Business Segment Overview
11.10.3 Financial Updates
11.10.4 Key Developments
11.11 Graymont Limited
11.11.1 Company Overview
11.11.2 Type/Business Segment Overview
11.11.3 Financial Updates
11.11.4 Key Developments
11.12 FUJIAN SANMU NANO CALCIUM CARBONATE CO., LTD.
11.12.1 Company Overview

11.12.2 Type/Business Segment Overview

11.12.3 Financial Updates

11.12.4 Key Developments

12. Conclusion

LIST OF TABLES

Table 1 World Population by Major Regions (2016 To 2030)

Table 2 Global Calcium Carbonate Market: By Region, 2017-2023

Table 3 North America Calcium Carbonate Market: By Country, 2017-2023

Table 4 Europe Calcium Carbonate Market: By Country, 2017-2023

Table 5 Asia-Pacific Calcium Carbonate Market: By Country, 2017-2023

Table 7 Middle East & Africa Calcium Carbonate Market: By Country, 2017-2023

Table 6 Latin America Calcium Carbonate Market: By Country, 2017-2023

Table 8 Global Calcium Carbonate by Types Market: By Regions, 2017-2023

Table 9 North America Calcium Carbonate by Types Market: By Country, 2017-2023

Table 10 Europe Calcium Carbonate by Types Market: By Country, 2017-2023

Table 11 Asia-Pacific Calcium Carbonate by Types Market: By Country, 2017-2023

Table 12 Middle East & Africa Calcium Carbonate by Types Market: By Country, 2017-2023

Table 13 North America Calcium Carbonate for Application Market: By Country, 2017-2023

Table 14 Europe Calcium Carbonate for Application Market: By Country, 2017-2023

Table 15 Asia-Pacific Calcium Carbonate for Application Market: By Country, 2017-2023

Table 16 Middle East & Africa Calcium Carbonate for Application Market: By Country, 2017-2023

Table 17 Latin America Calcium Carbonate for Application Market: By Country, 2017-2023

Table 23 Global Types Market: By Region, 2017-2023

Table 24 Global Application Market: By Region, 2017-2023

Table 25 North America Calcium Carbonate Market, By Country

Table 26 North America Calcium Carbonate Market, By Types

Table 27 North America Calcium Carbonate Market, By Application

Table 28 Europe: Calcium Carbonate Market, By Country

Table 29 Europe: Calcium Carbonate Market, By Types

Table 30 Europe: Calcium Carbonate Market, By Application

Table 31 Asia-Pacific: Calcium Carbonate Market, By Country

Table 32 Asia-Pacific: Calcium Carbonate Market, By Types

Table 33 Asia-Pacific: Calcium Carbonate Market, By Application

Table 34 Middle East & Africa: Calcium Carbonate Market, By Country

Table 35 Middle East & Africa: Calcium Carbonate Market, By Types

Table 36 Middle East & Africa: Calcium Carbonate Market, By Application

Table 37 Latin America: Calcium Carbonate Market, By Country

Table 38 Latin America: Calcium Carbonate Market, By Types

Table 39 Latin America: Calcium Carbonate Market, By Application

LIST OF FIGURES

FIGURE 1 Global Calcium Carbonate Market segmentation

FIGURE 2 Forecast Methodology

FIGURE 3 Five Forces Analysis of Global Calcium Carbonate Market

FIGURE 4 Value Chain of Global Calcium Carbonate Market

FIGURE 5 Share of Global Calcium Carbonate Market in 2016, by country (in %)

FIGURE 6 Global Calcium Carbonate Market, 2017-2023,