Global Dicalcium Phosphate Market: Information By Production Method (Phosphoric Acid and Hydrochloric Acid), End-Use (Food & Beverage, Animal Feed, Pharmaceutical, Agriculture and others) and Region (Asia-Pacific, North America, Europe, Latin America and The Middle East & Africa) - Forecast till 2025

The Global Dicalcium Phosphate Market is projected to grow at a CAGR of ~5.6% during the forecast period.

Dicalcium phosphate also known as dibasic calcium phosphate, is a water insoluble, white odorless powder. It consists of circa 28% calcium content, thereby acts as a nutritional supplement for calcium in various end-use industries such as food & beverage, animal feed, pharmaceutical, health & care and agriculture. Dicalcium phosphate also finds applications in agricultural sector to manufacture extensive range of phosphate fertilizers and is also used as vital ingredient in pet foods. In addition, it is also used as a tartar control agent in oral care products such as toothpastes.

The agricultural segment is projected to expand rapidly in the coming years. The increased use of dicalcium phosphate in the production of fertilizers and animal feed is expected to drive the market during forecast period. Growing geriatric population and rising consumption of dietary products are further driving the demand for dicalcium phosphate globally. Additionally, rising prevalence of calcium related diseases such as osteoporosis, rickets, hypoparathyroidism and others coupled with the deficiency of essential nutrients in human body is aiding the growth of dicalcium phosphate as a calcium supplement. Furthermore, the rapid expansion of agricultural, food & beverage and pharmaceutical industry, is likely to fuel the demand for dicalcium phosphate during the forecast period.

The advancements in pharmaceutical industries and continuous development in phosphate fertilizers coupled with limited abundance of phosphorous in the nature are creating lucrative opportunities for the key players operating in dicalcium phosphate market.

Global Dicalcium Phosphate Market Share by Region 2018 (%)
The global Dicalcium phosphate market is analyzed for five major regions, namely—North America, Asia-Pacific, Europe, Latin America, and the Middle East & Africa.

The Asia-Pacific region is accounted for the largest market share in 2018. The region is expected to showcase a significant CAGR in the foreseen period owing to presence of vast arable land. Asia-Pacific being the largest consumer of fertilizer, constitutes 58.5% of world’s total fertilizer consumption. For instance, the phosphate-based fertilizer demand in the region has increased from 21,590 thousand tonnes in 2014 to 23,920 tonnes in 2018, thus drives the regional demand for dicalcium phosphate in the production of fertilizers during the foreseen span. Additionally, expanding diary industries and increased dependency on calcium-based supplements is further creating a positive influence on demand for dicalcium phosphate market. Furthermore, due to macroeconomic trends such as increase in disposable income and growing industrialization, the dicalcium phosphate market in the region is expected to lead in the coming years.

The North American region is projected to register a significant CAGR during the forecast period. Owing to the rising demand for dicalcium phosphate in well-established end-use industries such as agriculture, food & beverages and pharmaceutical in the region. The United States and Canada are major users of fertilizer in the region. Furthermore, the increasing demand for dietary supplements such as cereals, noodles and others along with growing health consciousness is anticipated to drive dicalcium phosphate demand in the region.

The European region is expected to showcase a healthy growth during the forecast period owing to the use of dicalcium phosphate in animal feed additives in the region. Additionally, the growing demand of the product as a pharmaceutical grade ingredient coupled with increasing awareness related to health can be attributed to the demand for the dicalcium phosphate in the region.

The Latin American and Middle East & Africa regions are expected to show substantial growth during the forecast period. The growing food and beverage and pharmaceutical industries will propel the demand during the forecast period.

Segmentation
The global dicalcium phosphate market has been segmented by production method, end-use industry, and region.

Based on production method, dicalcium phosphate market has been bifurcated into phosphoric acid and hydrochloric acid.

Based on end-use, the market is classified into food & beverage, animal feed, pharmaceutical, agriculture and others.

By region, the market has been categorized into North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa.

Key Players
Guizhou Zerophos Chemical Co., Ltd (China), ICL (Israel), Bamni Proteins Limited (India),
Gujarat Narmada Valley Fertilizers & Chemicals Ltd (India), AARTI INDUSTRIES LIMITED
(India), Kemapco Arab Fertilizers & Chemicals Industries LTD (Jordan), Innophos (USA),
Sudeep Pharma Pvt. Ltd. (India), Ecophos Group (Belgium), Phosphea (France).

Intended Audience

- Dicalcium Phosphate manufacturers
- Traders and distributors of Dicalcium Phosphate
- Animal feed industries
- Food & Beverage industries
- Pharmaceutical industries
- Raw material suppliers

Contents:

Table of Contents

1 Executive Summary

2 Market Introduction

2.1 Market Definition

2.2 Scope of the Study

2.2.1 Research Objectives

2.2.2 Assumptions & Limitations

2.3 Markets Structure

2.4 Key Takeaways

3 Market Research Methodology

3.1 Research Process

3.2 Primary Research

3.3 Secondary Research

3.4 Market Size Estimation

3.5 Forecast Model

4 Market Dynamics of Global Dicalcium Phosphate Market

4.1 Introduction

4.2 Drivers

4.3 Restraints

4.4 Opportunities

4.5 Challenges

4.6 Trends/Technology

5 Market Factor Analysis of Global Dicalcium Phosphate Market

5.1 Supply Chain Analysis

5.1.1 Raw Material Suppliers

5.1.2 Manufacturers/Producers

5.1.3 Distributors/Retailers/Wholesalers/E-Commerce

5.1.4 End User

5.2 Porter’s Five Forces Analysis

5.2.1 Threat of New Entrants

5.2.2 Bargaining Power of Buyers

5.2.3 Bargaining Power of Suppliers

5.2.4 Threat of Substitutes

5.2.5 Intensity of Competitive Rivalry

5.3 Pricing Analysis

6 Global Dicalcium Phosphate Market, by Production Method
6.1 Introduction
6.2 Phosphoric Acid
  6.2.1 Market Estimates & Forecast, 2018–2025
  6.2.2 Market Estimates & Forecast, by Region, 2018–2025
6.3 Hydrochloric Acid
  6.3.1 Market Estimates & Forecast, 2018–2025
  6.3.2 Market Estimates & Forecast, by Region, 2018–2025

7. Global Dicalcium Phosphate Market, by End-Use
7.1 Introduction
7.2 Food & Beverage
  7.2.1 Market Estimates & Forecast, 2018–2025
  7.2.2 Market Estimates & Forecast, by Region, 2018–2025
7.3 Pharmaceutical
  7.3.1 Market Estimates & Forecast, 2018–2025
  7.3.2 Market Estimates & Forecast, by Region, 2018–2025
7.4 Animal Feed
  7.4.1 Market Estimates & Forecast, 2018–2025
  7.4.2 Market Estimates & Forecast, by Region, 2018–2025
7.5 Agriculture
  7.5.1 Market Estimates & Forecast, 2018–2025
  7.5.2 Market Estimates & Forecast, by Region, 2018–2025
7.6 Others
  7.6.1 Market Estimates & Forecast, 2018–2025
  7.6.2 Market Estimates & Forecast, by Region, 2018–2025

8. Global Dicalcium Phosphate Market, by Region
8.1 Introduction
8.2 North America
  8.2.1 Market Estimates & Forecast, 2018–2025
  8.2.2 Market Estimates & Forecast, by Production Method, 2018–2025
  8.2.3 Market Estimates & Forecast, by End-Use, 2018–2025
  8.2.4 US
    8.2.4.1 Market Estimates & Forecast, 2018–2025
    8.2.4.2 Market Estimates & Forecast, by Production Method, 2018–2025
    8.2.4.3 Market Estimates & Forecast, by End-Use, 2018–2025
  8.2.5 Canada
    8.2.5.1 Market Estimates & Forecast, 2018–2025
    8.2.5.2 Market Estimates & Forecast, by Production Method, 2018–2025
    8.2.5.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.3 Europe
  8.3.1 Market Estimates & Forecast, 2018–2025
  8.3.2 Market Estimates & Forecast, by Production Method, 2018–2025
  8.3.3 Market Estimates & Forecast, by End-Use, 2018–2025
  8.3.4 Germany
    8.3.4.1 Market Estimates & Forecast, 2018–2025
    8.3.4.2 Market Estimates & Forecast, by Production Method, 2018–2025
    8.3.4.3 Market Estimates & Forecast, by End-Use, 2018–2025
  8.3.5 France
    8.3.5.1 Market Estimates & Forecast, 2018–2025
8.3.5.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.3.5.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.3.6 Italy
8.3.6.1 Market Estimates & Forecast, 2018–2025
8.3.6.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.3.6.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.3.7 Spain
8.3.7.1 Market Estimates & Forecast, 2018–2025
8.3.7.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.3.7.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.3.8 UK
8.3.8.1 Market Estimates & Forecast, 2018–2025
8.3.8.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.3.8.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.3.9 Russia
8.3.9.1 Market Estimates & Forecast, 2018–2025
8.3.9.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.3.9.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.3.10 Poland
8.3.10.1 Market Estimates & Forecast, 2018–2025
8.3.10.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.3.10.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.3.11 Rest of Europe
8.3.11.1 Market Estimates & Forecast, 2018–2025
8.3.11.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.3.11.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.4 Asia-Pacific
8.4.1 Market Estimates & Forecast, 2018–2025
8.4.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.4.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.4.4 China
8.4.4.1 Market Estimates & Forecast, 2018–2025
8.4.4.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.4.4.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.4.5 India
8.4.5.1 Market Estimates & Forecast, 2018–2025
8.4.5.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.4.5.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.4.6 Japan
8.4.6.1 Market Estimates & Forecast, 2018–2025
8.4.6.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.4.6.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.4.7 Australia & New Zealand
8.4.7.1 Market Estimates & Forecast, 2018–2025
8.4.7.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.4.7.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.4.8 Rest of Asia-Pacific
8.4.8.1 Market Estimates & Forecast, 2018–2025
8.4.8.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.4.8.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.5 Middle East & Africa
8.5.1 Market Estimates & Forecast, 2018–2025
8.5.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.5.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.5.4 GCC
8.5.4.1 Market Estimates & Forecast, 2018–2025
8.5.4.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.5.4.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.5.5 Israel
8.5.5.1 Market Estimates & Forecast, 2018–2025
8.5.5.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.5.5.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.5.6 North Africa
8.5.6.1 Market Estimates & Forecast, 2018–2025
8.5.6.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.5.6.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.5.7 Turkey
8.5.7.1 Market Estimates & Forecast, 2018–2025
8.5.7.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.5.7.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.5.8 Rest of Middle East & Africa
8.5.8.1 Market Estimates & Forecast, 2018–2025
8.5.8.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.5.8.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.6 Latin America
8.6.1 Market Estimates & Forecast, 2018–2025
8.6.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.6.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.6.4 Brazil
8.6.4.1 Market Estimates & Forecast, 2018–2025
8.6.4.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.6.4.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.6.5 Argentina
8.6.5.1 Market Estimates & Forecast, 2018–2025
8.6.5.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.6.5.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.6.6 Mexico
8.6.6.1 Market Estimates & Forecast, 2018–2025
8.6.6.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.6.6.3 Market Estimates & Forecast, by End-Use, 2018–2025
8.6.7 Rest of Latin America
8.6.7.1 Market Estimates & Forecast, 2018–2025
8.6.7.2 Market Estimates & Forecast, by Production Method, 2018–2025
8.6.7.3 Market Estimates & Forecast, by End-Use, 2018–2025
9. Company Landscape
9.1 Introduction
9.2 Market Strategy

9.3 Key Development Analysis (Expansion/Merger & Acquisitions/Joint Venture/New Product Development/Agreement/Investment)

10. Company Profiles
10.1 Guizhou Zerophos Chemical Co., Ltd
10.1.1 Company Overview
10.1.2 Financial Updates
10.1.3 Product/Business Segment Overview
10.1.4 Strategy
10.1.5 Key Developments
10.1.6 SWOT Analysis
10.2 Sudeep Pharma Pvt. Ltd.
10.2.1 Company Overview
10.2.2 Financial Updates
10.2.3 Product/Business Segment Overview
10.2.4 Strategy
10.2.5 Key Developments
10.2.6 SWOT Analysis
10.3 Bamni Proteins Limited
10.3.1 Company Overview
10.3.2 Financial Updates
10.3.3 Product/Business Segment Overview
10.3.4 Strategy
10.3.5 Key Developments
10.3.6 SWOT Analysis
10.4 ICL
10.4.1 Company Overview
10.4.2 Financial Updates
10.4.3 Product/Business Segment Overview
10.4.4 Strategy
10.4.5 Key Developments
10.4.6 SWOT Analysis
10.5 Phosphea
10.5.1 Company Overview
10.5.2 Financial Updates
10.5.3 Product/Business Segment Overview
10.5.4 Strategy
10.5.5 Key Developments
10.5.6 SWOT Analysis
10.6 Gujarat Narmada Valley Fertilizers & Chemicals Ltd
10.6.1 Company Overview
10.6.2 Financial Updates
10.6.3 Product/Business Segment Overview
10.6.4 Strategy
10.6.5 Key Developments
10.6.6 SWOT Analysis
10.7 Innophos
10.7.1 Company Overview
10.7.2 Financial Updates
10.7.3 Product/Business Segment Overview
10.7.4 Strategy
10.7.5 Key Developments
10.7.6 SWOT Analysis
10.8 AARTI INDUSTRIES LIMITED
10.8.1 Company Overview
10.8.2 Financial Updates
10.8.3 Product/Business Segment Overview
10.8.4 Strategy
10.8.5 Key Developments
10.8.6 SWOT Analysis
10.9 Ecophos Group
10.9.1 Company Overview
10.9.2 Financial Updates
10.9.3 Product/Business Segment Overview
10.9.4 Strategy
10.9.5 Key Developments
10.9.6 SWOT Analysis
10.10 Kemapco Arab Fertilizers & Chemicals Industries LTD
10.10.1 Company Overview
10.10.2 Financial Updates
10.10.3 Product/Business Segment Overview
10.10.4 Strategy
10.10.5 Key Developments
10.10.6 SWOT Analysis

11. Conclusion

LIST OF TABLES

Table 1 Global Dicalcium Phosphate Market: by Region, 2018–2025
Table 2 North America: Dicalcium Phosphate Market, by Country, 2018–2025
Table 3 Europe: Dicalcium Phosphate Market, by Country, 2018–2025
Table 4 Asia-Pacific: Dicalcium Phosphate Market, by Country, 2018–2025
Table 5 Middle East & Africa: Dicalcium Phosphate Market, by Country, 2018–2025
Table 6 Latin America: Dicalcium Phosphate Market, by Country, 2018–2025
Table 7 Global Dicalcium Phosphate Production Method Market, by Regions, 2018–2025
Table 8 North America: Dicalcium Phosphate Production Method Market, by Country, 2018–2025
Table 9 Europe: Dicalcium Phosphate Production Method Market, by Country, 2018–2025
Table10 Asia-Pacific: Dicalcium Phosphate Production Method Market, by Country, 2018–2025
Table11 Middle East & Africa: Dicalcium Phosphate Production Method Market, by Country, 2018–2025
Table12 Latin America: Dicalcium Phosphate Production Method Market, by Country, 2018–2025
Table13 Global Dicalcium Phosphate End-Use Market, by Regions, 2018–2025
Table14 North America: Dicalcium Phosphate End-Use Market, by Country, 2018–2025
Table15 Europe: Dicalcium Phosphate End-Use Market, by Country, 2018–2025
Table16 Asia-Pacific: Dicalcium Phosphate End-Use Market, by Country, 2018–2025
Table17 Middle East & Africa: Dicalcium Phosphate End-Use Market, by Country, 2018–2025
Table18 Latin America: Dicalcium Phosphate by End-Use Market, by Country, 2016-2023
Table19 Global Production Method Market, by Region, 2018–2025