

Chlorine Dioxide Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/CE277487A064EN.html>

Date: August 2022

Pages: 143

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

ID: CE277487A064EN

Abstracts

The global chlorine dioxide market size reached US\$ 945.7 Million in 2021. Looking forward, IMARC Group expects the market to reach US\$ 1,265.9 Million by 2027, exhibiting a growth rate (CAGR) of 4.9% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic. These insights are included in the report as a major market contributor.

Chlorine dioxide (ClO₂) is a volatile chemical compound that consists of one chlorine atom and two oxygen atoms. It is a yellowish-brown gas with an unpleasant odor at room temperature that dissolves in water. It is usually produced from sodium chlorite and sodium chlorate and is commonly used as an antimicrobial agent in poultry processing, disinfecting drinking water and washing vegetables and fruits. It is also utilized as a selective oxidizer and is used as an alternative to chlorine in water treatment solutions. Chlorine dioxide is effective over a broad pH range, neutralizes phenols and their derivatives and is less corrosive. As a result, it is extensively used in industrial water treatment, medical, pulp and paper processing, oil and gas, food and beverage applications.

Chlorine Dioxide Market Trends:

Rapid industrialization across the globe is one of the key factors driving the growth of the market. Chlorine dioxide is widely used for treating wastewater and removing the turbidity from water as it is a powerful disinfectant for bacteria and viruses. Additionally, the widespread product utilization in the pulp and paper industry is favoring the market growth. Chlorine dioxide is widely used as a bleaching agent to produce paper with high brightness. Moreover, the increasing utilization of biocide technology is providing a

thrust to the market growth. The technology is based on chlorine dioxide to treat industrial cooling water systems and provide safety interlocks, real-time monitoring and enhanced cost-effectiveness. Other factors, including the rising product demand in the food and beverage industry to control pathogenic and spoilage microorganisms, along with the extensive product utilization to sterilize medical and laboratory equipment, is anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global chlorine dioxide market report, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on type, method and application.

Breakup by Type:

Liquid Stabilized Chlorine Dioxide

Solid Stabilized Chlorine Dioxide

Breakup by Method:

Electrolytic Method

Chemical Method

Breakup by Application:

Industrial Water Treatment

Pulp and Paper Processing

Oil and Gas

Medical

Food and Beverages

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Accepta LLC, AquaPulse Systems, CDG Environmental LLC, Ecolab Inc., Evoqua Water Technologies LLC, Grundfos Pumps Corporation, Iotronic Elektroger?tebau GmbH, ProMinent GmbH, Sabre Technologies LLC, Tecme Srl and Vasu Chemicals LLP.

Key Questions Answered in This Report:

How has the global chlorine dioxide market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global chlorine dioxide market?

What are the key regional markets?

What is the breakup of the market based on the type?

What is the breakup of the market based on the method?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global chlorine dioxide market and who are the key players?

What is the degree of competition in the industry?

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 Key Industry Trends

5 GLOBAL CHLORINE DIOXIDE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Liquid Stabilized Chlorine Dioxide
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Solid Stabilized Chlorine Dioxide
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY METHOD

- 7.1 Electrolytic Method
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Chemical Method
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Industrial Water Treatment
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Pulp and Paper Processing
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Oil and Gas
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Medical
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Food and Beverages
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
- 8.6 Others
 - 8.6.1 Market Trends
 - 8.6.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

9.3.2.2 Market Forecast

9.3.3 United Kingdom

9.3.3.1 Market Trends

9.3.3.2 Market Forecast

9.3.4 Italy

9.3.4.1 Market Trends

9.3.4.2 Market Forecast

9.3.5 Spain

9.3.5.1 Market Trends

9.3.5.2 Market Forecast

9.3.6 Russia

9.3.6.1 Market Trends

9.3.6.2 Market Forecast

9.3.7 Others

9.3.7.1 Market Trends

9.3.7.2 Market Forecast

9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Accepta LLC

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.2 AquaPulse Systems

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 CDG Environmental LLC

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Ecolab Inc.

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

14.3.4.4 SWOT Analysis

14.3.5 Evoqua Water Technologies LLC

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.5.3 Financials

14.3.5.4 SWOT Analysis

14.3.6 Grundfos Pumps Corporation

14.3.6.1 Company Overview

14.3.6.2 Product Portfolio

14.3.6.3 SWOT Analysis

14.3.7 Iotronik Elektroger?tebau GmbH

14.3.7.1 Company Overview

14.3.7.2 Product Portfolio

14.3.8 ProMinent GmbH

14.3.8.1 Company Overview

14.3.8.2 Product Portfolio

14.3.9 Sabre Technologies LLC

14.3.9.1 Company Overview

14.3.9.2 Product Portfolio

14.3.10 Tecme Srl

14.3.10.1 Company Overview

14.3.10.2 Product Portfolio

14.3.11 Vasu Chemicals LLP

14.3.11.1 Company Overview

14.3.11.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Chlorine Dioxide Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Chlorine Dioxide Market Forecast: Breakup by Type (in Million US\$), 2022-2027

Table 3: Global: Chlorine Dioxide Market Forecast: Breakup by Method (in Million US\$), 2022-2027

Table 4: Global: Chlorine Dioxide Market Forecast: Breakup by Application (in Million US\$), 2022-2027

Table 5: Global: Chlorine Dioxide Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Chlorine Dioxide Market: Competitive Structure

Table 7: Global: Chlorine Dioxide Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Chlorine Dioxide Market: Major Drivers and Challenges

Figure 2: Global: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016-2021

Figure 3: Global: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 4: Global: Chlorine Dioxide Market: Breakup by Type (in %), 2021

Figure 5: Global: Chlorine Dioxide Market: Breakup by Method (in %), 2021

Figure 6: Global: Chlorine Dioxide Market: Breakup by Application (in %), 2021

Figure 7: Global: Chlorine Dioxide Market: Breakup by Region (in %), 2021

Figure 8: Global: Chlorine Dioxide (Liquid Stabilized) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Chlorine Dioxide (Liquid Stabilized) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Chlorine Dioxide (Solid Stabilized) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Chlorine Dioxide (Solid Stabilized) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Chlorine Dioxide (Electrolytic Method) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Chlorine Dioxide (Electrolytic Method) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Chlorine Dioxide (Chemical Method) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Chlorine Dioxide (Chemical Method) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Chlorine Dioxide (Industrial Water Treatment) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Chlorine Dioxide (Industrial Water Treatment) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Chlorine Dioxide (Pulp and Paper Processing) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Chlorine Dioxide (Pulp and Paper Processing) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Chlorine Dioxide (Oil and Gas) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 21: Global: Chlorine Dioxide (Oil and Gas) Market Forecast: Sales Value (in

Million US\$), 2022-2027

Figure 22: Global: Chlorine Dioxide (Medical) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Chlorine Dioxide (Medical) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Chlorine Dioxide (Food and Beverages) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Chlorine Dioxide (Food and Beverages) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Chlorine Dioxide (Other Applications) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Chlorine Dioxide (Other Applications) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: North America: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: North America: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: United States: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: United States: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: Canada: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: Canada: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: Asia-Pacific: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: Asia-Pacific: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: China: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: China: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: Japan: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 39: Japan: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: India: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: India: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: South Korea: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: South Korea: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 44: Australia: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: Australia: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: Indonesia: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: Indonesia: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Others: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Others: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: Europe: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Europe: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: Germany: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Germany: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: France: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: France: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: United Kingdom: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: United Kingdom: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 58: Italy: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: Italy: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: Spain: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: Spain: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Russia: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Russia: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Others: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Others: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Latin America: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Latin America: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Brazil: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Brazil: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Mexico: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Mexico: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Others: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Others: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Middle East and Africa: Chlorine Dioxide Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Middle East and Africa: Chlorine Dioxide Market: Breakup by Country (in %), 2021

Figure 76: Middle East and Africa: Chlorine Dioxide Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 77: Global: Chlorine Dioxide Industry: SWOT Analysis

Figure 78: Global: Chlorine Dioxide Industry: Value Chain Analysis

Figure 79: Global: Chlorine Dioxide Industry: Porter's Five Forces Analysis

I would like to order

Product name: Chlorine Dioxide Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

Product link: <https://marketpublishers.com/r/CE277487A064EN.html>

Price: US\$ 2,499.00 (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/CE277487A064EN.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

