

# **Chlorine Dioxide Market by Application (Industrial Water Treatment, Pulp & Paper Processing, Oil & Gas, Medical, Food & Beverages, and Others): Global Opportunity Analysis and Industry Forecast, 2020-2027**

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## **Abstracts**

The global chlorine dioxide market was valued at \$857.8 million in 2019, and is projected to reach \$1,265.5 million by 2027, growing at a CAGR of 5.0% from 2020 to 2027.

Chlorine dioxide is a chemical compound that exists as bright orange crystals below 59 °C. It is an oxidizing agent, able to transfer oxygen to a variety of substrates, while gaining one or more electrons via oxidation-reduction (redox).

The global chlorine dioxide market is primarily driven by surge in demand from industrial sector for the treatment of waste water. The rapid growth in the usage of water in various industrial sectors such as oil & gas, pharmaceuticals, and chemical is likely to drive the growth of the market. The major factor that is increasing the demand of chlorine dioxide is rise in environmental concerns coupled with stringent government regulations regarding industrial wastewater. In addition, growth in the food & beverage industry across the globe also drive the demand for chlorine dioxide as it is used as an antimicrobial agent in water for washing fruits and vegetables or poultry processing. Furthermore, the demand for chlorine dioxide is anticipated to surge significantly from food & beverage industry due to rise in demand for processed food across the globe.

However, stringent government regulations against the use of chlorine limit the growth of the global chlorine dioxide market. Growing regulatory restrictions on the usage of chlorine and hypochlorite in pulp bleaching is likely to offer fresh opportunities for the

growth of the global chlorine dioxide market.

The global chlorine dioxide market size is segmented on the basis of application and region. On the basis of application, it is divided into industrial water treatment, pulp & paper processing, oil & gas, medical, food & beverages, and others. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The major key players operating in the global chlorine dioxide market include Accepta, Ecolab, Grundfos, ProMinent, Evoqua, The Sabre Companies LLC, CDG Environmental LLC, Tecme Srl, Iotronic Elektrogerätebau GmbH, and Vasu Chemicals LLP.

COVID-19 analysis:

The global coronavirus outbreak is expected to pose severe challenges to the global chlorine dioxide market. Chlorine dioxide is primarily utilized in the manufacture of biocides. Therefore, a decline in sale of biocides is expected to restrain the chlorine dioxide market in the near future. In addition, extension of the lockdown in various countries across the world has led to supply chain disruptions; thereby, resulting in widespread shortage of critical medical devices. Many countries have attempted to ease this shortage by increasing imports and boosting domestic manufacture. However, the demand for medical devices is in excess of what domestic manufacture can deliver. The aforementioned factors are likely to hinder the chlorine dioxide demand which is widely used as a disinfectant for laboratory and medical equipment.

Key benefits for stakeholders

Porter's five forces analysis helps analyze the potential of buyers & suppliers and the competitive scenario of the industry for strategy building.

The report outlines the current trends and future scenario of the global chlorine dioxide market from 2019 to 2027 to understand the prevailing opportunities and potential investment pockets.

Major countries in the region have been mapped according to their individual revenue contribution

to the regional market.

The key drivers, restraints, & opportunities and their detailed impact analysis are explained in the global chlorine dioxide market study.

The profiles of key players and with their key strategic developments are enlisted in the global chlorine dioxide market report.

## Key market segments

### By Application

Industrial Water Treatment

Pulp & Paper Processing

Oil & Gas

Medical

Food & Beverages

Others

### By Region

North America

U.S.

Canada

Mexico

Europe

Germany

France

Italy

Spain

UK

Rest of Europe

Asia-Pacific

China

Japan

South Korea

India

Australia

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

## Contents

### CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key benefits for stakeholders
- 1.3.Key market segments
- 1.4.Research methodology
  - 1.4.1.Secondary research
  - 1.4.2.Primary research
- 1.5.Analyst tools and models

### CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.Key findings of the study
- 2.2.CXO perspective

### CHAPTER 3:MARKET OVERVIEW

- 3.1.Market definition and scope
- 3.2.Key findings
  - 3.2.1.Top investment pockets
- 3.3.Porter's five forces analysis
- 3.4.Pricing analysis
  - 3.4.1.Pricing analysis, by application, 2019–2027
  - 3.4.2.Pricing analysis, by region, 2019–2027
- 3.5.Value chain analysis
- 3.6.Patent analysis
- 3.7.Impact of government regulations on the chlorine dioxide market
- 3.8.Market dynamics
  - 3.8.1.Drivers
    - 3.8.1.1.Rising demand for safe drinking water
    - 3.8.1.2.Rapid growth in the food & beverage industry
    - 3.8.1.3.Growing concerns regarding water pollution and increasing trend of wastewater recycling
  - 3.8.2.Restraints
    - 3.8.2.1.Fire and explosion hazards
    - 3.8.2.2.Stringent environmental norms
  - 3.8.3.Opportunity

3.8.3.1. Growing regulatory restrictions on the usage of chlorine and hypochlorite in pulp bleaching

3.9. Parent market overview

3.10. Impact of COVID-19 on the global chlorine dioxide market

## **CHAPTER 4: GLOBAL CHLORINE DIOXIDE MARKET, BY APPLICATION**

4.1. Overview

4.1.1. Market size and forecast

4.2. Industrial Water Treatment

4.2.1. Key market trends, growth factors, and opportunities

4.2.2. Market size and forecast, by region

4.2.3. Market share analysis, by country

4.3. Paper & pulp processing

4.3.1. Key market trends, growth factors, and opportunities

4.3.2. Market size and forecast, by region

4.3.3. Market share analysis, by country

4.4. Oil & gas

4.4.1. Key market trends, growth factors, and opportunities

4.4.2. Market size and forecast, by region

4.4.3. Market share analysis, by country

4.5. Medical

4.5.1. Key market trends, growth factors, and opportunities

4.5.2. Market size and forecast, by region

4.5.3. Market share analysis, by country

4.6. Food & beverages

4.6.1. Key market trends, growth factors, and opportunities

4.6.2. Market size and forecast, by region

4.6.3. Market share analysis, by country

4.7. Others

4.7.1. Key market trends, growth factors, and opportunities

4.7.2. Market size and forecast, by region

4.7.3. Market share analysis, by country

## **CHAPTER 5: GLOBAL CHLORINE DIOXIDE MARKET, BY REGION**

5.1. Overview

5.1.1. Market size and forecast

5.2. North America

5.2.1.Key market trends, growth factors, and opportunities

5.2.2.Market size and forecast, by application

5.2.3.Market share analysis, by country

5.2.3.1.U.S.

5.2.3.1.1.Market size and forecast, by application

5.2.3.2.Canada

5.2.3.2.1.Market size and forecast, by application

5.2.3.3.Mexico

5.2.3.3.1.Market size and forecast, by application

5.3.Europe

5.3.1.Key market trends, growth factors, and opportunities

5.3.2.Market size and forecast, by application

5.3.3.Market share analysis, by country

5.3.3.1.Germany

5.3.3.1.1.Market size and forecast, by application

5.3.3.2.France

5.3.3.2.1.Market size and forecast, by application

5.3.3.3.Italy

5.3.3.3.1.Market size and forecast, by application

5.3.3.4.Spain

5.3.3.4.1.Market size and forecast, by application

5.3.3.5.UK

5.3.3.5.1.Market size and forecast, by application

5.3.3.6.Rest of Europe

5.3.3.6.1.Market size and forecast, by application

5.4.Asia-Pacific

5.4.1.Key market trends, growth factors, and opportunities

5.4.2.Market size and forecast, by application

5.4.3.Market share analysis, by country

5.4.3.1.China

5.4.3.1.1.Market size and forecast, by application

5.4.3.2.Japan

5.4.3.2.1.Market size and forecast, by application

5.4.3.3.South Korea

5.4.3.3.1.Market size and forecast, by application

5.4.3.4.India

5.4.3.4.1.Market size and forecast, by application

5.4.3.5.Australia

5.4.3.5.1.Market size and forecast, by application

#### 5.4.3.6.Rest of Asia-Pacific

##### 5.4.3.6.1.Market size and forecast, by application

### 5.5.LAMEA

#### 5.5.1.Key market trends, growth factors, and opportunities

#### 5.5.2.Market size and forecast, by application

#### 5.5.3.Market share analysis, by country

##### 5.5.3.1.Brazil

##### 5.5.3.1.1.Market size and forecast, by application

##### 5.5.3.2.Saudi Arabia

##### 5.5.3.2.1.Market size and forecast, by application

##### 5.5.3.3.South Africa

##### 5.5.3.3.1.Market size and forecast, by application

##### 5.5.3.4.Rest of LAMEA

##### 5.5.3.4.1.Market size and forecast, by application

## **CHAPTER 6:COMPETITIVE LANDSCAPE**

### 6.1.Introduction

#### 6.1.1.Top player positioning, 2019

### 6.2.Product mapping of top 10 players

### 6.3.Competitive heatmap

### 6.4.Key developments

#### 6.4.1.Product Launch

## **CHAPTER 7:COMPANY PROFILES**

### 7.1.Accepta

#### 7.1.1.Company overview

#### 7.1.2.Company snapshot

#### 7.1.3.Operating business segments

#### 7.1.4.Product portfolio

#### 7.1.5.Business performance

### 7.2.Ecolab

#### 7.2.1.Company overview

#### 7.2.2.Company snapshot

#### 7.2.3.Operating business segments

#### 7.2.4.Product portfolio

#### 7.2.5.Business performance

#### 7.2.6.Key strategic moves and developments



### 7.3.Grundfos

- 7.3.1.Company overview
- 7.3.2.Company snapshot
- 7.3.3.Operating business segments
- 7.3.4.Product portfolio
- 7.3.5.Business performance

### 7.4.PROMINENT

- 7.4.1.Company overview
- 7.4.2.Company snapshot
- 7.4.3.Operating business segments
- 7.4.4.Product portfolio
- 7.4.5.Business performance

### 7.5.EVOQUA

- 7.5.1.Company overview
- 7.5.2.Company snapshot
- 7.5.3.Operating business segments
- 7.5.4.Product portfolio
- 7.5.5.Business performance

### 7.6.THE SABRE COMPANIES LLC

- 7.6.1.Company overview
- 7.6.2.Company snapshot
- 7.6.3.Operating business segments
- 7.6.4.Product portfolio
- 7.6.5.Business performance

### 7.7.CDG ENVIRONMENTAL LLC

- 7.7.1.Company overview
- 7.7.2.Company snapshot
- 7.7.3.Operating business segments
- 7.7.4.Product portfolio
- 7.7.5.Business performance

### 7.8.Tecme Srl

- 7.8.1.Company overview
- 7.8.2.Company snapshot
- 7.8.3.Operating business segments
- 7.8.4.Product portfolio
- 7.8.5.Business performance

### 7.9.IOTRONIC ELEKTROGER?TEBAU GMBH

- 7.9.1.Company overview
- 7.9.2.Company snapshot

7.9.3.Operating business segments

7.9.4.Product portfolio

7.9.5.Business performance

7.10.VASU CHEMICALS LLP

7.10.1.Company overview

7.10.2.Company snapshot

7.10.3.Operating business segments

7.10.4.Product portfolio

7.10.5.Business performance

## List Of Tables

### LIST OF TABLES

TABLE 01.GLOBAL CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (KILOTONS)

TABLE 02.GLOBAL CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (\$MILLION)

TABLE 03.CHLORINE DIOXIDE MARKET FOR INDUSTRIAL WATER TREATMENT, BY REGION, 2019–2027 (KILOTONS)

TABLE 04.CHLORINE DIOXIDE MARKET FOR INDUSTRIAL WATER TREATMENT, BY REGION, 2019–2027 (\$MILLION)

TABLE 05.CHLORINE DIOXIDE MARKET FOR PAPER & PULP PROCESSING, BY REGION, 2019–2027 (KILOTONS)

TABLE 06.CHLORINE DIOXIDE MARKET FOR PAPER & PULP PROCESSING, BY REGION, 2019–2027 (\$MILLION)

TABLE 07.CHLORINE DIOXIDE MARKET FOR OIL & GAS, BY REGION, 2019–2027 (KILOTONS)

TABLE 08.CHLORINE DIOXIDE MARKET FOR OIL & GAS, BY REGION, 2019–2027 (\$MILLION)

TABLE 09.CHLORINE DIOXIDE MARKET FOR MEDICAL, BY REGION, 2019–2027 (KILOTONS)

TABLE 10.CHLORINE DIOXIDE MARKET FOR MEDICAL, BY REGION, 2019–2027 (\$MILLION)

TABLE 11.CHLORINE DIOXIDE MARKET FOR FOOD & BEVERAGES, BY REGION, 2019–2027 (KILOTONS)

TABLE 12.CHLORINE DIOXIDE MARKET FOR FOOD & BEVERAGES, BY REGION, 2019–2027 (\$MILLION)

TABLE 13.CHLORINE DIOXIDE MARKET FOR OTHERS, BY REGION, 2019–2027 (KILOTONS)

TABLE 14.CHLORINE DIOXIDE MARKET FOR OTHERS, BY REGION, 2019–2027 (\$MILLION)

TABLE 15.CHLORINE DIOXIDE MARKET, BY REGION, 2019-2027 (KILOTONS)

TABLE 16.CHLORINE DIOXIDE MARKET, BY REGION, 2019-2027 (\$MILLION)

TABLE 17.NORTH AMERICA CHLORINE DIOXIDE MARKET, BY END-USE INDUSTRY, 2019-2027 (KILOTONS)

TABLE 18.NORTH AMERICA CHLORINE DIOXIDE MARKET, BY END-USE INDUSTRY, 2019-2027 (\$MILLION)

TABLE 19.NORTH AMERICA CHLORINE DIOXIDE MARKET, BY COUNTRY,

2019-2027 (KILOTONS)

TABLE 20. NORTH AMERICA CHLORINE DIOXIDE MARKET, BY COUNTRY,  
2019-2027 (\$MILLION)

TABLE 21. U.S. CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 22. U.S. CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 23. CANADA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 24. CANADA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 25. MEXICO CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 26. MEXICO CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 27. EUROPE CHLORINE DIOXIDE MARKET, BY END-USE INDUSTRY,  
2019-2027 (KILOTONS)

TABLE 28. EUROPE CHLORINE DIOXIDE MARKET, BY END-USE INDUSTRY,  
2019-2027 (\$MILLION)

TABLE 29. EUROPE CHLORINE DIOXIDE MARKET, BY COUNTRY, 2019-2027  
(KILOTONS)

TABLE 30. EUROPE CHLORINE DIOXIDE MARKET, BY COUNTRY, 2019-2027  
(\$MILLION)

TABLE 31. GERMANY CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 32. GERMANY CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 33. FRANCE CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 34. FRANCE CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 35. ITALY CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 36. ITALY CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 37. SPAIN CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 38. SPAIN CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 39.UK CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 40.UK CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 41.REST OF EUROPE CHLORINE DIOXIDE MARKET, BY APPLICATION,  
2019-2027 (KILOTONS)

TABLE 42.REST OF EUROPE CHLORINE DIOXIDE MARKET, BY APPLICATION,  
2019-2027 (\$MILLION)

TABLE 43.ASIA-PACIFIC CHLORINE DIOXIDE MARKET, BY END-USE INDUSTRY,  
2019-2027 (KILOTONS)

TABLE 44.ASIA-PACIFIC CHLORINE DIOXIDE MARKET, BY END-USE INDUSTRY,  
2019-2027 (\$MILLION)

TABLE 45.ASIA-PACIFIC CHLORINE DIOXIDE MARKET, BY COUNTRY, 2019-2027  
(KILOTONS)

TABLE 46.ASIA-PACIFIC CHLORINE DIOXIDE MARKET, BY COUNTRY, 2019-2027  
(\$MILLION)

TABLE 47.CHINA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 48.CHINA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 49.JAPAN CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 50.JAPAN CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 51.SOUTH KOREA CHLORINE DIOXIDE MARKET, BY APPLICATION,  
2019-2027 (KILOTONS)

TABLE 52.SOUTH KOREA CHLORINE DIOXIDE MARKET, BY APPLICATION,  
2019-2027 (\$MILLION)

TABLE 53.INDIA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 54.INDIA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 55.AUSTRALIA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(KILOTONS)

TABLE 56.AUSTRALIA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027  
(\$MILLION)

TABLE 57.REST OF ASIA-PACIFIC CHLORINE DIOXIDE MARKET, BY  
APPLICATION, 2019-2027 (KILOTONS)

TABLE 58.REST OF ASIA-PACIFIC CHLORINE DIOXIDE MARKET, BY

APPLICATION, 2019-2027 (\$MILLION)

TABLE 59.LAMEA CHLORINE DIOXIDE MARKET, BY END-USE INDUSTRY, 2019-2027 (KILOTONS)

TABLE 60.LAMEA CHLORINE DIOXIDE MARKET, BY END-USE INDUSTRY, 2019-2027 (\$MILLION)

TABLE 61.LAMEA CHLORINE DIOXIDE MARKET, BY COUNTRY, 2019-2027 (KILOTONS)

TABLE 62.LAMEA CHLORINE DIOXIDE MARKET, BY COUNTRY, 2019-2027 (\$MILLION)

TABLE 63.BRAZIL CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (KILOTONS)

TABLE 64.BRAZIL CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (\$MILLION)

TABLE 65.SAUDI ARABIA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (KILOTONS)

TABLE 66.SAUDI ARABIA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (\$MILLION)

TABLE 67.SOUTH AFRICA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (KILOTONS)

TABLE 68.SOUTH AFRICA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (\$MILLION)

TABLE 69.REST OF LAMEA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (KILOTONS)

TABLE 70.REST OF LAMEA CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019-2027 (\$MILLION)

TABLE 71.PRODUCT LAUNCH (2017-2020)

TABLE 72.ACCEPTA: COMPANY SNAPSHOT

TABLE 73.ACCEPTA: OPERATING SEGMENTS

TABLE 74.ACCEPTA: PRODUCT PORTFOLIO

TABLE 75.ACCEPTA: OVERALL FINANCIAL STATUS (\$MILLION)

TABLE 76.ECOLAB: COMPANY SNAPSHOT

TABLE 77.ECOLAB: OPERATING SEGMENTS

TABLE 78.ECOLAB: PRODUCT PORTFOLIO

TABLE 79.ECOLAB: OVERALL FINANCIAL STATUS (\$MILLION)

TABLE 80.ECOLAB: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 81.GRUNDFOS: COMPANY SNAPSHOT

TABLE 82.GRUNDFOS: OPERATING SEGMENTS

TABLE 83.GRUNDFOS: PRODUCT PORTFOLIO

TABLE 84.GRUNDFOS: OVERALL FINANCIAL STATUS (\$MILLION)

TABLE 85.PROMINENT: COMPANY SNAPSHOT  
TABLE 86.PROMINENT: OPERATING SEGMENTS  
TABLE 87.PROMINENT.: PRODUCT PORTFOLIO  
TABLE 88.PROMINENT: OVERALL FINANCIAL STATUS (\$MILLION)  
TABLE 89.EVOQUA: COMPANY SNAPSHOT  
TABLE 90.EVOQUA: OPERATING SEGMENTS  
TABLE 91.EVOQUA: PRODUCT PORTFOLIO  
TABLE 92.OVERALL FINANCIAL STATUS (\$MILLION)  
TABLE 93.HINDUSTAN PETROLEUM CORPORATION LTD: COMPANY SNAPSHOT  
TABLE 94.THE SABRE COMPANIES LLC: OPERATING SEGMENTS  
TABLE 95.THE SABRE COMPANIES LLC: PRODUCT PORTFOLIO  
TABLE 96.OVERALL FINANCIAL STATUS (\$MILLION)  
TABLE 97.CDG ENVIRONMENTAL LLC: COMPANY SNAPSHOT  
TABLE 98.CDG ENVIRONMENTAL LLC: OPERATING SEGMENTS  
TABLE 99.CDG ENVIRONMENTAL LLC: PRODUCT PORTFOLIO  
TABLE 100.OVERALL FINANCIAL STATUS (\$MILLION)  
TABLE 101.TECME SRL: COMPANY SNAPSHOT  
TABLE 102.TECME SRL: OPERATING SEGMENTS  
TABLE 103.TECME SRL: PRODUCT PORTFOLIO  
TABLE 104.TECME SRL: OVERALL FINANCIAL STATUS (\$MILLION)  
TABLE 105.IOTRONIC ELEKTROGER?TEBAU GMBH: COMPANY SNAPSHOT  
TABLE 106.IOTRONIC ELEKTROGER?TEBAU GMBH: OPERATING SEGMENTS  
TABLE 107.IOTRONIC ELEKTROGER?TEBAU GMBH: PRODUCT PORTFOLIO  
TABLE 108.IOTRONIC ELEKTROGER?TEBAU GMBH: OVERALL FINANCIAL STATUS (\$MILLION)  
TABLE 109.VASU CHEMICALS LLP: COMPANY SNAPSHOT  
TABLE 110.VASU CHEMICALS LLP: OPERATING SEGMENTS  
TABLE 111.VASU CHEMICALS LLP: PRODUCT PORTFOLIO  
TABLE 112.VASU CHEMICALS LLP: OVERALL FINANCIAL STATUS (\$MILLION)



## List Of Figures

### LIST OF FIGURES

FIGURE 01.EXECUTIVE SUMMARY

FIGURE 02.GLOBAL CHLORINE DIOXIDE MARKET SEGMENTATION

FIGURE 03.TOP INVESTMENT POCKETS, BY COUNTRY

FIGURE 04.HIGH BARGAINING POWER OF SUPPLIERS

FIGURE 05.HIGH BARGAINING POWER OF BUYERS

FIGURE 06.MODERATE THREAT OF NEW ENTRANTS

FIGURE 07.MODERATE THREAT OF SUBSTITUTES

FIGURE 08.MODERATE INTENSITY OF COMPETITIVE RIVALRY

FIGURE 09.PRICING ANALYSIS, BY TYPE, 2019–2027

FIGURE 10.PRICING ANALYSIS, BY REGION, 2019–2027

FIGURE 11.VALUE CHAIN ANALYSIS

FIGURE 12.PATENT ANALYSIS: BY REGION (2014-2019)

FIGURE 13.GLOBAL CHLORINE DIOXIDE MARKET DYNAMICS

FIGURE 14.PARENT MARKET OVERVIEW

FIGURE 15.GLOBAL CHLORINE DIOXIDE MARKET, BY APPLICATION, 2019 VS 2027 (\$MILLION)

FIGURE 16.COMPARATIVE ANALYSIS OF CHLORINE DIOXIDE MARKET FOR INDUSTRIAL WATER TREATMENT, BY COUNTRY, 2019 VS 2027 (\$MILLION)

FIGURE 17.COMPARATIVE ANALYSIS OF CHLORINE DIOXIDE MARKET FOR PAPER & PULP PROCESSING, BY COUNTRY, 2019 VS 2027 (\$MILLION)

FIGURE 18.COMPARATIVE ANALYSIS OF CHLORINE DIOXIDE MARKET FOR OIL & GAS, BY COUNTRY, 2019 VS 2027 (\$MILLION)

FIGURE 19.COMPARATIVE ANALYSIS OF CHLORINE DIOXIDE MARKET FOR MEDICAL, BY COUNTRY, 2019 VS 2027 (\$MILLION)

FIGURE 20.COMPARATIVE ANALYSIS OF CHLORINE DIOXIDE MARKET FOR FOOD & BEVERAGES, BY COUNTRY, 2019 VS 2027 (\$MILLION)

FIGURE 21.COMPARATIVE ANALYSIS OF CHLORINE DIOXIDE MARKET FOR OTHERS, BY COUNTRY, 2019 VS 2027 (\$MILLION)

FIGURE 22.U.S. CHLORINE DIOXIDE MARKET REVENUE, 2019–2027 (\$MILLION)

FIGURE 23.CANADA CHLORINE DIOXIDE MARKET REVENUE, 2019–2027 (\$MILLION)

FIGURE 24.MEXICO CHLORINE DIOXIDE MARKET REVENUE, 2019–2027 (\$MILLION)

FIGURE 25.GERMANY CHLORINE DIOXIDE MARKET REVENUE, 2019–2027 (\$MILLION)



FIGURE 26.FRANCE CHLORINE DIOXIDE MARKET REVENUE, 2019–2027  
(\$MILLION)

FIGURE 27.ITALY CHLORINE DIOXIDE MARKET REVENUE, 2019–2027 (\$MILLION)

FIGURE 28.SPAIN CHLORINE DIOXIDE MARKET REVENUE, 2019–2027 (\$MILLION)

FIGURE 29.UK CHLORINE DIOXIDE MARKET REVENUE, 2019–2027 (\$MILLION)

FIGURE 30.REST OF EUROPE CHLORINE DIOXIDE MARKET REVENUE,  
2019–2027 (\$MILLION)

FIGURE 31.CHINA CHLORINE DIOXIDE MARKET REVENUE, 2019–2027 (\$MILLION)

FIGURE 32.JAPAN CHLORINE DIOXIDE MARKET REVENUE, 2019–2027  
(\$MILLION)

FIGURE 33.SOUTH KOREA CHLORINE DIOXIDE MARKET REVENUE, 2019–2027  
(\$MILLION)

FIGURE 34.INDIA CHLORINE DIOXIDE MARKET REVENUE, 2019–2027 (\$MILLION)

FIGURE 35.AUSTRALIA CHLORINE DIOXIDE MARKET REVENUE, 2019–2027  
(\$MILLION)

FIGURE 36.REST OF ASIA-PACIFIC CHLORINE DIOXIDE MARKET REVENUE,  
2019–2027 (\$MILLION)

FIGURE 37.BRAZIL CHLORINE DIOXIDE MARKET REVENUE, 2019–2027  
(\$MILLION)

FIGURE 38.SAUDI ARABIA CHLORINE DIOXIDE MARKET REVENUE, 2019–2027  
(\$MILLION)

FIGURE 39.SOUTH AFRICA CHLORINE DIOXIDE MARKET REVENUE, 2019–2027  
(\$MILLION)

FIGURE 40.REST OF LAMEA CHLORINE DIOXIDE MARKET REVENUE, 2019–2027  
(\$MILLION)

FIGURE 41.TOP PLAYER POSITIONING, 2019

FIGURE 42.PRODUCT MAPPING OF TOP 10 PLAYERS

FIGURE 43.COMPETITIVE HEATMAP OF KEY PLAYERS

FIGURE 44.ACCEPTA: REVENUE, 2017–2019 (\$MILLION)

FIGURE 45.ACCEPTA: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 46.ACCEPTA: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 47.ECOLAB: REVENUE, 2017–2019 (\$MILLION)

FIGURE 48.ECOLAB: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 49.ECOLAB: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 50.GRUNDFOS: REVENUE, 2017–2019 (\$MILLION)

FIGURE 51.GRUNDFOS: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 52.GRUNDFOS: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 53.PROMINENT: REVENUE, 2017–2019 (\$MILLION)

FIGURE 54.PROMINENT: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 55.PROMINENT: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 56.EVOQUA: REVENUE, 2017–2019 (\$MILLION)

FIGURE 57.EVOQUA: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 58.EVOQUA: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 59.THE SABRE COMPANIES LLC: REVENUE, 2016–2018 (\$MILLION)

FIGURE 60.THE SABRE COMPANIES LLC: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 61.THE SABRE COMPANIES LLC: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 62.CDG ENVIRONMENTAL LLC: REVENUE, 2017–2019 (\$MILLION)

FIGURE 63.CDG ENVIRONMENTAL LLC: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 64.CDG ENVIRONMENTAL LLC: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 65.TECME SRL: REVENUE, 2017–2019 (\$MILLION)

FIGURE 66.TECME SRL: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 67.TECME SRL: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 68.IOTRONIC ELEKTROGER?TEBAU GMBH: REVENUE, 2017–2019 (\$MILLION)

FIGURE 69.IOTRONIC ELEKTROGER?TEBAU GMBH: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 70.IOTRONIC ELEKTROGER?TEBAU GMBH: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 71.VASU CHEMICALS LLP: REVENUE, 2017–2019 (\$MILLION)

FIGURE 72.VASU CHEMICALS LLP: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 73.VASU CHEMICALS LLP: REVENUE SHARE BY REGION, 2019 (%)

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