

Silicon Gases Industry Research Report 2023

<https://marketpublishers.com/r/SDBA228699E4EN.html>

Date: August 2023

Pages: 91

Price: US\$ 2,950.00 (Single User License)

ID: SDBA228699E4EN

Abstracts

This report aims to provide a comprehensive presentation of the global market for Silicon Gases, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Silicon Gases.

The Silicon Gases market size, estimations, and forecasts are provided in terms of output/shipments (MT) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Silicon Gases market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Silicon Gases manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by

these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

REC

SK Materials

Tokuyama

Air Liquide

Henan Silane Technology

Shin-Etsu

Evonik

GCL

Dow Chemical

Wacker

Zhejiang Zhongning Silicon

Gelest

Product Type Insights

Global markets are presented by Silicon Gases type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Silicon Gases are procured by the manufacturers.

This report has studied every segment and provided the market size using historical

data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

Silicon Gases segment by Type

TCS

DCS

Disilane

Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Silicon Gases market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Silicon Gases market.

Silicon Gases segment by Application

Semiconductor Industries

Displays

Photovoltaic

Others

Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the

particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Silicon Gases market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and

strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Silicon Gases market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Silicon Gases and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Silicon Gases industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Silicon Gases.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Silicon Gases manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Silicon Gases by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Silicon Gases in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Silicon Gases by Type
 - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
 - 1.2.2 TCS
 - 1.2.3 DCS
 - 1.2.4 Disilane
- 2.3 Silicon Gases by Application
 - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
 - 2.3.2 Semiconductor Industries
 - 2.3.3 Displays
 - 2.3.4 Photovoltaic
 - 2.3.5 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Silicon Gases Production Value Estimates and Forecasts (2018-2029)
 - 2.4.2 Global Silicon Gases Production Capacity Estimates and Forecasts (2018-2029)
 - 2.4.3 Global Silicon Gases Production Estimates and Forecasts (2018-2029)
 - 2.4.4 Global Silicon Gases Market Average Price (2018-2029)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Silicon Gases Production by Manufacturers (2018-2023)
- 3.2 Global Silicon Gases Production Value by Manufacturers (2018-2023)
- 3.3 Global Silicon Gases Average Price by Manufacturers (2018-2023)
- 3.4 Global Silicon Gases Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

- 3.5 Global Silicon Gases Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Silicon Gases Manufacturers, Product Type & Application
- 3.7 Global Silicon Gases Manufacturers, Date of Enter into This Industry
- 3.8 Global Silicon Gases Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 REC

- 4.1.1 REC Silicon Gases Company Information
- 4.1.2 REC Silicon Gases Business Overview
- 4.1.3 REC Silicon Gases Production Capacity, Value and Gross Margin (2018-2023)
- 4.1.4 REC Product Portfolio
- 4.1.5 REC Recent Developments

4.2 SK Materials

- 4.2.1 SK Materials Silicon Gases Company Information
- 4.2.2 SK Materials Silicon Gases Business Overview
- 4.2.3 SK Materials Silicon Gases Production Capacity, Value and Gross Margin (2018-2023)
- 4.2.4 SK Materials Product Portfolio
- 4.2.5 SK Materials Recent Developments

4.3 Tokuyama

- 4.3.1 Tokuyama Silicon Gases Company Information
- 4.3.2 Tokuyama Silicon Gases Business Overview
- 4.3.3 Tokuyama Silicon Gases Production Capacity, Value and Gross Margin (2018-2023)
- 4.3.4 Tokuyama Product Portfolio
- 4.3.5 Tokuyama Recent Developments

4.4 Air Liquide

- 4.4.1 Air Liquide Silicon Gases Company Information
- 4.4.2 Air Liquide Silicon Gases Business Overview
- 4.4.3 Air Liquide Silicon Gases Production Capacity, Value and Gross Margin (2018-2023)
- 4.4.4 Air Liquide Product Portfolio
- 4.4.5 Air Liquide Recent Developments

4.5 Henan Silane Technology

- 4.5.1 Henan Silane Technology Silicon Gases Company Information
- 4.5.2 Henan Silane Technology Silicon Gases Business Overview
- 4.5.3 Henan Silane Technology Silicon Gases Production Capacity, Value and Gross

Margin (2018-2023)

4.5.4 Henan Silane Technology Product Portfolio

4.5.5 Henan Silane Technology Recent Developments

4.6 Shin-Etsu

4.6.1 Shin-Etsu Silicon Gases Company Information

4.6.2 Shin-Etsu Silicon Gases Business Overview

4.6.3 Shin-Etsu Silicon Gases Production Capacity, Value and Gross Margin

(2018-2023)

4.6.4 Shin-Etsu Product Portfolio

4.6.5 Shin-Etsu Recent Developments

4.7 Evonik

4.7.1 Evonik Silicon Gases Company Information

4.7.2 Evonik Silicon Gases Business Overview

4.7.3 Evonik Silicon Gases Production Capacity, Value and Gross Margin (2018-2023)

4.7.4 Evonik Product Portfolio

4.7.5 Evonik Recent Developments

4.8 GCL

4.8.1 GCL Silicon Gases Company Information

4.8.2 GCL Silicon Gases Business Overview

4.8.3 GCL Silicon Gases Production Capacity, Value and Gross Margin (2018-2023)

4.8.4 GCL Product Portfolio

4.8.5 GCL Recent Developments

4.9 Dow Chemical

4.9.1 Dow Chemical Silicon Gases Company Information

4.9.2 Dow Chemical Silicon Gases Business Overview

4.9.3 Dow Chemical Silicon Gases Production Capacity, Value and Gross Margin

(2018-2023)

4.9.4 Dow Chemical Product Portfolio

4.9.5 Dow Chemical Recent Developments

4.10 Wacker

4.10.1 Wacker Silicon Gases Company Information

4.10.2 Wacker Silicon Gases Business Overview

4.10.3 Wacker Silicon Gases Production Capacity, Value and Gross Margin

(2018-2023)

4.10.4 Wacker Product Portfolio

4.10.5 Wacker Recent Developments

7.11 Zhejiang Zhongning Silicon

7.11.1 Zhejiang Zhongning Silicon Silicon Gases Company Information

7.11.2 Zhejiang Zhongning Silicon Silicon Gases Business Overview

4.11.3 Zhejiang Zhongning Silicon Silicon Gases Production Capacity, Value and Gross Margin (2018-2023)

7.11.4 Zhejiang Zhongning Silicon Product Portfolio

7.11.5 Zhejiang Zhongning Silicon Recent Developments

7.12 Gelest

7.12.1 Gelest Silicon Gases Company Information

7.12.2 Gelest Silicon Gases Business Overview

7.12.3 Gelest Silicon Gases Production Capacity, Value and Gross Margin (2018-2023)

7.12.4 Gelest Product Portfolio

7.12.5 Gelest Recent Developments

5 GLOBAL SILICON GASES PRODUCTION BY REGION

5.1 Global Silicon Gases Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.2 Global Silicon Gases Production by Region: 2018-2029

5.2.1 Global Silicon Gases Production by Region: 2018-2023

5.2.2 Global Silicon Gases Production Forecast by Region (2024-2029)

5.3 Global Silicon Gases Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.4 Global Silicon Gases Production Value by Region: 2018-2029

5.4.1 Global Silicon Gases Production Value by Region: 2018-2023

5.4.2 Global Silicon Gases Production Value Forecast by Region (2024-2029)

5.5 Global Silicon Gases Market Price Analysis by Region (2018-2023)

5.6 Global Silicon Gases Production and Value, YOY Growth

5.6.1 North America Silicon Gases Production Value Estimates and Forecasts (2018-2029)

5.6.2 Europe Silicon Gases Production Value Estimates and Forecasts (2018-2029)

5.6.3 China Silicon Gases Production Value Estimates and Forecasts (2018-2029)

5.6.4 Japan Silicon Gases Production Value Estimates and Forecasts (2018-2029)

5.6.5 South Korea Silicon Gases Production Value Estimates and Forecasts (2018-2029)

6 GLOBAL SILICON GASES CONSUMPTION BY REGION

6.1 Global Silicon Gases Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

6.2 Global Silicon Gases Consumption by Region (2018-2029)

6.2.1 Global Silicon Gases Consumption by Region: 2018-2029

6.2.2 Global Silicon Gases Forecasted Consumption by Region (2024-2029)

6.3 North America

6.3.1 North America Silicon Gases Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.3.2 North America Silicon Gases Consumption by Country (2018-2029)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe Silicon Gases Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe Silicon Gases Consumption by Country (2018-2029)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Silicon Gases Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.5.2 Asia Pacific Silicon Gases Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Silicon Gases Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa Silicon Gases Consumption by Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global Silicon Gases Production by Type (2018-2029)

7.1.1 Global Silicon Gases Production by Type (2018-2029) & (MT)

7.1.2 Global Silicon Gases Production Market Share by Type (2018-2029)

7.2 Global Silicon Gases Production Value by Type (2018-2029)

7.2.1 Global Silicon Gases Production Value by Type (2018-2029) & (US\$ Million)

7.2.2 Global Silicon Gases Production Value Market Share by Type (2018-2029)

7.3 Global Silicon Gases Price by Type (2018-2029)

8 SEGMENT BY APPLICATION

8.1 Global Silicon Gases Production by Application (2018-2029)

8.1.1 Global Silicon Gases Production by Application (2018-2029) & (MT)

8.1.2 Global Silicon Gases Production by Application (2018-2029) & (MT)

8.2 Global Silicon Gases Production Value by Application (2018-2029)

8.2.1 Global Silicon Gases Production Value by Application (2018-2029) & (US\$ Million)

8.2.2 Global Silicon Gases Production Value Market Share by Application (2018-2029)

8.3 Global Silicon Gases Price by Application (2018-2029)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 Silicon Gases Value Chain Analysis

9.1.1 Silicon Gases Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Silicon Gases Production Mode & Process

9.2 Silicon Gases Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Silicon Gases Distributors

9.2.3 Silicon Gases Customers

10 GLOBAL SILICON GASES ANALYZING MARKET DYNAMICS

10.1 Silicon Gases Industry Trends

10.2 Silicon Gases Industry Drivers

10.3 Silicon Gases Industry Opportunities and Challenges

10.4 Silicon Gases Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

I would like to order

Product name: Silicon Gases Industry Research Report 2023

Product link: <https://marketpublishers.com/r/SDBA228699E4EN.html>

Price: US\$ 2,950.00 (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/SDBA228699E4EN.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