

Global Octafluorocyclobutane Gas Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

Octafluorocyclobutane is a colorless, odorless, non-flammable liquefied gas. It is shipped as a liquefied gas under its own vapor pressure (25 psig @ 70° F). C₄F₈, also identified as Refrigerant-C318, is used in some specialty refrigeration applications.

Octafluorocyclobutane can be used as an extinguishing agent in fire suppression systems. This is due the large total heat absorbed in going from the fluid at room temperature up to a temperature of 1400 K. And, C₄F₈ is used in semiconductor manufacturing for plasma etching. In the RF field C₄F₈ generates reactive species that selectively etch silicon. In the etching process the C₄F₈ plasma free radicals can form a protective polymer that blocks chemical attack on features and can provide sidewall protection.

According to our (Global Info Research) latest study, the global Octafluorocyclobutane Gas market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Octafluorocyclobutane Gas market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Octafluorocyclobutane Gas market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Octafluorocyclobutane Gas market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Octafluorocyclobutane Gas market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Octafluorocyclobutane Gas market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Octafluorocyclobutane Gas

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Octafluorocyclobutane Gas market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Showa Denko, Taiyo Nippon Sanso, Kanto Denka Kogyo, Air Liquide and Versum Materials (Merck), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Octafluorocyclobutane Gas market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts

for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

3N

4N

5N

Others

Market segment by Application

Semiconductor

Solar

Others

Major players covered

Showa Denko

Taiyo Nippon Sanso

Kanto Denka Kogyo

Air Liquide

Versum Materials (Merck)

Huate Gas

Jinhong Gas

PERIC Special Gases

Linggas

Zhejiang Britech

GrandiT Co., Ltd.

Dongyue Group

Shandong Ruihua Fluoride Industry

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Octafluorocyclobutane Gas product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Octafluorocyclobutane Gas, with price, sales, revenue and global market share of Octafluorocyclobutane Gas from 2018 to 2023.

Chapter 3, the Octafluorocyclobutane Gas competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Octafluorocyclobutane Gas breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Octafluorocyclobutane Gas market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Octafluorocyclobutane Gas.

Chapter 14 and 15, to describe Octafluorocyclobutane Gas sales channel, distributors, customers, research findings and conclusion.

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