

Global Octafluorocyclobutane Gas Market Growth 2023-2029

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Abstracts

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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.

LPI (LP Information)' newest research report, the “Octafluorocyclobutane Gas Industry Forecast” looks at past sales and reviews total world Octafluorocyclobutane Gas sales in 2022, providing a comprehensive analysis by region and market sector of projected Octafluorocyclobutane Gas sales for 2023 through 2029. With Octafluorocyclobutane Gas sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Octafluorocyclobutane Gas industry.

This Insight Report provides a comprehensive analysis of the global Octafluorocyclobutane Gas landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Octafluorocyclobutane Gas portfolios and capabilities, market entry

strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Octafluorocyclobutane Gas market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Octafluorocyclobutane Gas and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Octafluorocyclobutane Gas.

The global Octafluorocyclobutane Gas market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Octafluorocyclobutane Gas is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Octafluorocyclobutane Gas is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Octafluorocyclobutane Gas is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Octafluorocyclobutane Gas players cover Showa Denko, Taiyo Nippon Sanso, Kanto Denka Kogyo, Air Liquide, Versum Materials (Merck), Huate Gas, Jinhong Gas, PERIC Special Gases and Linggas, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Octafluorocyclobutane Gas market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

3N

4N

5N

Others

Segmentation by application

Semiconductor

Solar

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

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

Key Questions Addressed in this Report

What is the 10-year outlook for the global Octafluorocyclobutane Gas market?

What factors are driving Octafluorocyclobutane Gas market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Octafluorocyclobutane Gas market opportunities vary by end market size?

How does Octafluorocyclobutane Gas break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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