

# Global Vaccine Refrigerant Market Growth 2024-2030

<https://marketpublishers.com/r/GC426004FCFBEN.html>

Date: June 2024

Pages: 116

Price: US\$ 3,660.00 (Single User License)

ID: GC426004FCFBEN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global Vaccine Refrigerant market size was valued at US\$ million in 2023. With growing demand in downstream market, the Vaccine Refrigerant is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Vaccine Refrigerant market. Vaccine Refrigerant are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Vaccine Refrigerant. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Vaccine Refrigerant market.

Since the transportation of the vaccine needs to be carried out at minus 70 degrees, otherwise the activity of the vaccine will be reduced. Therefore, refrigerant is needed to provide the temperature required for the vaccine.

The global pharmaceutical market is 1475 billion USD in 2022, growing at a CAGR of 5% during the next six years. The pharmaceutical market includes chemical drugs and biological drugs. For biologics is expected to 381 billion USD in 2022. In comparison, the chemical drug market is estimated to increase from 1005 billion in 2018 to 1094 billion U.S. dollars in 2022. The pharmaceutical market factors such as increasing demand for healthcare, technological advancements, and the rising prevalence of chronic diseases, increase in funding from private & government organizations for development of pharmaceutical manufacturing segments and rise in R&D activities for drugs. However, the industry also faces challenges such as stringent regulations, high

costs of research and development, and patent expirations. Companies need to continuously innovate and adapt to these challenges to stay competitive in the market and ensure their products reach patients in need. Additionally, the COVID-19 pandemic has highlighted the importance of vaccine development and supply chain management, further emphasizing the need for pharmaceutical companies to be agile and responsive to emerging public health needs.

#### Key Features:

The report on Vaccine Refrigerant market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the Vaccine Refrigerant market. It may include historical data, market segmentation by Type (e.g., R125, R410a), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Vaccine Refrigerant market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the Vaccine Refrigerant market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the Vaccine Refrigerant industry. This include advancements in Vaccine Refrigerant technology, Vaccine Refrigerant new entrants, Vaccine Refrigerant new investment, and other innovations that are shaping the future of Vaccine Refrigerant.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the Vaccine Refrigerant market. It includes factors influencing customer ' purchasing decisions, preferences for Vaccine Refrigerant product.

**Government Policies and Incentives:** The research report analyse the impact of

government policies and incentives on the Vaccine Refrigerant market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Vaccine Refrigerant market. The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the Vaccine Refrigerant market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the Vaccine Refrigerant industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Vaccine Refrigerant market.

**Market Segmentation:**

Vaccine Refrigerant market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

**Segmentation by type**

R125

R410a

R23

Others

**Segmentation by application**

Vaccine Storage

Vaccine Shipment

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.

Dupont

Juhua

San Mei Chem

Chemours

Guomao

YUEON

Zixiang

Dong Yue Chem

Shanghai 3F

Starget Chem

Zhejiang Yonghe Refrigerant

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Vaccine Refrigerant market?

What factors are driving Vaccine Refrigerant market growth, globally and by region?

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

How do Vaccine Refrigerant market opportunities vary by end market size?

How does Vaccine Refrigerant break out type, application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Vaccine Refrigerant Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Vaccine Refrigerant by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Vaccine Refrigerant by Country/Region, 2019, 2023 & 2030

#### 2.2 Vaccine Refrigerant Segment by Type

- 2.2.1 R125
- 2.2.2 R410a
- 2.2.3 R23
- 2.2.4 Others

#### 2.3 Vaccine Refrigerant Sales by Type

- 2.3.1 Global Vaccine Refrigerant Sales Market Share by Type (2019-2024)
- 2.3.2 Global Vaccine Refrigerant Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Vaccine Refrigerant Sale Price by Type (2019-2024)

#### 2.4 Vaccine Refrigerant Segment by Application

- 2.4.1 Vaccine Storage
- 2.4.2 Vaccine Shipment
- 2.4.3 Others

#### 2.5 Vaccine Refrigerant Sales by Application

- 2.5.1 Global Vaccine Refrigerant Sale Market Share by Application (2019-2024)
- 2.5.2 Global Vaccine Refrigerant Revenue and Market Share by Application (2019-2024)
- 2.5.3 Global Vaccine Refrigerant Sale Price by Application (2019-2024)

### **3 GLOBAL VACCINE REFRIGERANT BY COMPANY**

- 3.1 Global Vaccine Refrigerant Breakdown Data by Company
  - 3.1.1 Global Vaccine Refrigerant Annual Sales by Company (2019-2024)
  - 3.1.2 Global Vaccine Refrigerant Sales Market Share by Company (2019-2024)
- 3.2 Global Vaccine Refrigerant Annual Revenue by Company (2019-2024)
  - 3.2.1 Global Vaccine Refrigerant Revenue by Company (2019-2024)
  - 3.2.2 Global Vaccine Refrigerant Revenue Market Share by Company (2019-2024)
- 3.3 Global Vaccine Refrigerant Sale Price by Company
- 3.4 Key Manufacturers Vaccine Refrigerant Producing Area Distribution, Sales Area, Product Type
  - 3.4.1 Key Manufacturers Vaccine Refrigerant Product Location Distribution
  - 3.4.2 Players Vaccine Refrigerant Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR VACCINE REFRIGERANT BY GEOGRAPHIC REGION**

- 4.1 World Historic Vaccine Refrigerant Market Size by Geographic Region (2019-2024)
  - 4.1.1 Global Vaccine Refrigerant Annual Sales by Geographic Region (2019-2024)
  - 4.1.2 Global Vaccine Refrigerant Annual Revenue by Geographic Region (2019-2024)
- 4.2 World Historic Vaccine Refrigerant Market Size by Country/Region (2019-2024)
  - 4.2.1 Global Vaccine Refrigerant Annual Sales by Country/Region (2019-2024)
  - 4.2.2 Global Vaccine Refrigerant Annual Revenue by Country/Region (2019-2024)
- 4.3 Americas Vaccine Refrigerant Sales Growth
- 4.4 APAC Vaccine Refrigerant Sales Growth
- 4.5 Europe Vaccine Refrigerant Sales Growth
- 4.6 Middle East & Africa Vaccine Refrigerant Sales Growth

### **5 AMERICAS**

- 5.1 Americas Vaccine Refrigerant Sales by Country
  - 5.1.1 Americas Vaccine Refrigerant Sales by Country (2019-2024)
  - 5.1.2 Americas Vaccine Refrigerant Revenue by Country (2019-2024)



- 5.2 Americas Vaccine Refrigerant Sales by Type
- 5.3 Americas Vaccine Refrigerant Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Vaccine Refrigerant Sales by Region
  - 6.1.1 APAC Vaccine Refrigerant Sales by Region (2019-2024)
  - 6.1.2 APAC Vaccine Refrigerant Revenue by Region (2019-2024)
- 6.2 APAC Vaccine Refrigerant Sales by Type
- 6.3 APAC Vaccine Refrigerant Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Vaccine Refrigerant by Country
  - 7.1.1 Europe Vaccine Refrigerant Sales by Country (2019-2024)
  - 7.1.2 Europe Vaccine Refrigerant Revenue by Country (2019-2024)
- 7.2 Europe Vaccine Refrigerant Sales by Type
- 7.3 Europe Vaccine Refrigerant Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Vaccine Refrigerant by Country
  - 8.1.1 Middle East & Africa Vaccine Refrigerant Sales by Country (2019-2024)

- 8.1.2 Middle East & Africa Vaccine Refrigerant Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Vaccine Refrigerant Sales by Type
- 8.3 Middle East & Africa Vaccine Refrigerant Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Vaccine Refrigerant
- 10.3 Manufacturing Process Analysis of Vaccine Refrigerant
- 10.4 Industry Chain Structure of Vaccine Refrigerant

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Vaccine Refrigerant Distributors
- 11.3 Vaccine Refrigerant Customer

## **12 WORLD FORECAST REVIEW FOR VACCINE REFRIGERANT BY GEOGRAPHIC REGION**

- 12.1 Global Vaccine Refrigerant Market Size Forecast by Region
  - 12.1.1 Global Vaccine Refrigerant Forecast by Region (2025-2030)
  - 12.1.2 Global Vaccine Refrigerant Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country

- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Vaccine Refrigerant Forecast by Type
- 12.7 Global Vaccine Refrigerant Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Dupont

- 13.1.1 Dupont Company Information
- 13.1.2 Dupont Vaccine Refrigerant Product Portfolios and Specifications
- 13.1.3 Dupont Vaccine Refrigerant Sales, Revenue, Price and Gross Margin  
(2019-2024)
- 13.1.4 Dupont Main Business Overview
- 13.1.5 Dupont Latest Developments

### 13.2 Juhua

- 13.2.1 Juhua Company Information
- 13.2.2 Juhua Vaccine Refrigerant Product Portfolios and Specifications
- 13.2.3 Juhua Vaccine Refrigerant Sales, Revenue, Price and Gross Margin  
(2019-2024)
- 13.2.4 Juhua Main Business Overview
- 13.2.5 Juhua Latest Developments

### 13.3 San Mei Chem

- 13.3.1 San Mei Chem Company Information
- 13.3.2 San Mei Chem Vaccine Refrigerant Product Portfolios and Specifications
- 13.3.3 San Mei Chem Vaccine Refrigerant Sales, Revenue, Price and Gross Margin  
(2019-2024)
- 13.3.4 San Mei Chem Main Business Overview
- 13.3.5 San Mei Chem Latest Developments

### 13.4 Chemours

- 13.4.1 Chemours Company Information
- 13.4.2 Chemours Vaccine Refrigerant Product Portfolios and Specifications
- 13.4.3 Chemours Vaccine Refrigerant Sales, Revenue, Price and Gross Margin  
(2019-2024)
- 13.4.4 Chemours Main Business Overview
- 13.4.5 Chemours Latest Developments

### 13.5 Guomao

- 13.5.1 Guomao Company Information
- 13.5.2 Guomao Vaccine Refrigerant Product Portfolios and Specifications
- 13.5.3 Guomao Vaccine Refrigerant Sales, Revenue, Price and Gross Margin  
(2019-2024)

- 13.5.4 Guomao Main Business Overview
- 13.5.5 Guomao Latest Developments
- 13.6 YUEON
  - 13.6.1 YUEON Company Information
  - 13.6.2 YUEON Vaccine Refrigerant Product Portfolios and Specifications
  - 13.6.3 YUEON Vaccine Refrigerant Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.6.4 YUEON Main Business Overview
  - 13.6.5 YUEON Latest Developments
- 13.7 Zixiang
  - 13.7.1 Zixiang Company Information
  - 13.7.2 Zixiang Vaccine Refrigerant Product Portfolios and Specifications
  - 13.7.3 Zixiang Vaccine Refrigerant Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.7.4 Zixiang Main Business Overview
  - 13.7.5 Zixiang Latest Developments
- 13.8 Dong Yue Chem
  - 13.8.1 Dong Yue Chem Company Information
  - 13.8.2 Dong Yue Chem Vaccine Refrigerant Product Portfolios and Specifications
  - 13.8.3 Dong Yue Chem Vaccine Refrigerant Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.8.4 Dong Yue Chem Main Business Overview
  - 13.8.5 Dong Yue Chem Latest Developments
- 13.9 Shanghai 3F
  - 13.9.1 Shanghai 3F Company Information
  - 13.9.2 Shanghai 3F Vaccine Refrigerant Product Portfolios and Specifications
  - 13.9.3 Shanghai 3F Vaccine Refrigerant Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.9.4 Shanghai 3F Main Business Overview
  - 13.9.5 Shanghai 3F Latest Developments
- 13.10 Starget Chem
  - 13.10.1 Starget Chem Company Information
  - 13.10.2 Starget Chem Vaccine Refrigerant Product Portfolios and Specifications
  - 13.10.3 Starget Chem Vaccine Refrigerant Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.10.4 Starget Chem Main Business Overview
  - 13.10.5 Starget Chem Latest Developments
- 13.11 Zhejiang Yonghe Refrigerant
  - 13.11.1 Zhejiang Yonghe Refrigerant Company Information

13.11.2 Zhejiang Yonghe Refrigerant Vaccine Refrigerant Product Portfolios and Specifications

13.11.3 Zhejiang Yonghe Refrigerant Vaccine Refrigerant Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Zhejiang Yonghe Refrigerant Main Business Overview

13.11.5 Zhejiang Yonghe Refrigerant Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. Vaccine Refrigerant Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Vaccine Refrigerant Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of R125
- Table 4. Major Players of R410a
- Table 5. Major Players of R23
- Table 6. Major Players of Others
- Table 7. Global Vaccine Refrigerant Sales by Type (2019-2024) & (Kiloton)
- Table 8. Global Vaccine Refrigerant Sales Market Share by Type (2019-2024)
- Table 9. Global Vaccine Refrigerant Revenue by Type (2019-2024) & (\$ million)
- Table 10. Global Vaccine Refrigerant Revenue Market Share by Type (2019-2024)
- Table 11. Global Vaccine Refrigerant Sale Price by Type (2019-2024) & (US\$/Ton)
- Table 12. Global Vaccine Refrigerant Sales by Application (2019-2024) & (Kiloton)
- Table 13. Global Vaccine Refrigerant Sales Market Share by Application (2019-2024)
- Table 14. Global Vaccine Refrigerant Revenue by Application (2019-2024)
- Table 15. Global Vaccine Refrigerant Revenue Market Share by Application (2019-2024)
- Table 16. Global Vaccine Refrigerant Sale Price by Application (2019-2024) & (US\$/Ton)
- Table 17. Global Vaccine Refrigerant Sales by Company (2019-2024) & (Kiloton)
- Table 18. Global Vaccine Refrigerant Sales Market Share by Company (2019-2024)
- Table 19. Global Vaccine Refrigerant Revenue by Company (2019-2024) (\$ Millions)
- Table 20. Global Vaccine Refrigerant Revenue Market Share by Company (2019-2024)
- Table 21. Global Vaccine Refrigerant Sale Price by Company (2019-2024) & (US\$/Ton)
- Table 22. Key Manufacturers Vaccine Refrigerant Producing Area Distribution and Sales Area
- Table 23. Players Vaccine Refrigerant Products Offered
- Table 24. Vaccine Refrigerant Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- Table 25. New Products and Potential Entrants
- Table 26. Mergers & Acquisitions, Expansion
- Table 27. Global Vaccine Refrigerant Sales by Geographic Region (2019-2024) & (Kiloton)
- Table 28. Global Vaccine Refrigerant Sales Market Share Geographic Region

(2019-2024)

Table 29. Global Vaccine Refrigerant Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 30. Global Vaccine Refrigerant Revenue Market Share by Geographic Region (2019-2024)

Table 31. Global Vaccine Refrigerant Sales by Country/Region (2019-2024) & (Kiloton)

Table 32. Global Vaccine Refrigerant Sales Market Share by Country/Region (2019-2024)

Table 33. Global Vaccine Refrigerant Revenue by Country/Region (2019-2024) & (\$ millions)

Table 34. Global Vaccine Refrigerant Revenue Market Share by Country/Region (2019-2024)

Table 35. Americas Vaccine Refrigerant Sales by Country (2019-2024) & (Kiloton)

Table 36. Americas Vaccine Refrigerant Sales Market Share by Country (2019-2024)

Table 37. Americas Vaccine Refrigerant Revenue by Country (2019-2024) & (\$ Millions)

Table 38. Americas Vaccine Refrigerant Revenue Market Share by Country (2019-2024)

Table 39. Americas Vaccine Refrigerant Sales by Type (2019-2024) & (Kiloton)

Table 40. Americas Vaccine Refrigerant Sales by Application (2019-2024) & (Kiloton)

Table 41. APAC Vaccine Refrigerant Sales by Region (2019-2024) & (Kiloton)

Table 42. APAC Vaccine Refrigerant Sales Market Share by Region (2019-2024)

Table 43. APAC Vaccine Refrigerant Revenue by Region (2019-2024) & (\$ Millions)

Table 44. APAC Vaccine Refrigerant Revenue Market Share by Region (2019-2024)

Table 45. APAC Vaccine Refrigerant Sales by Type (2019-2024) & (Kiloton)

Table 46. APAC Vaccine Refrigerant Sales by Application (2019-2024) & (Kiloton)

Table 47. Europe Vaccine Refrigerant Sales by Country (2019-2024) & (Kiloton)

Table 48. Europe Vaccine Refrigerant Sales Market Share by Country (2019-2024)

Table 49. Europe Vaccine Refrigerant Revenue by Country (2019-2024) & (\$ Millions)

Table 50. Europe Vaccine Refrigerant Revenue Market Share by Country (2019-2024)

Table 51. Europe Vaccine Refrigerant Sales by Type (2019-2024) & (Kiloton)

Table 52. Europe Vaccine Refrigerant Sales by Application (2019-2024) & (Kiloton)

Table 53. Middle East & Africa Vaccine Refrigerant Sales by Country (2019-2024) & (Kiloton)

Table 54. Middle East & Africa Vaccine Refrigerant Sales Market Share by Country (2019-2024)

Table 55. Middle East & Africa Vaccine Refrigerant Revenue by Country (2019-2024) & (\$ Millions)

Table 56. Middle East & Africa Vaccine Refrigerant Revenue Market Share by Country (2019-2024)



- Table 57. Middle East & Africa Vaccine Refrigerant Sales by Type (2019-2024) & (Kiloton)
- Table 58. Middle East & Africa Vaccine Refrigerant Sales by Application (2019-2024) & (Kiloton)
- Table 59. Key Market Drivers & Growth Opportunities of Vaccine Refrigerant
- Table 60. Key Market Challenges & Risks of Vaccine Refrigerant
- Table 61. Key Industry Trends of Vaccine Refrigerant
- Table 62. Vaccine Refrigerant Raw Material
- Table 63. Key Suppliers of Raw Materials
- Table 64. Vaccine Refrigerant Distributors List
- Table 65. Vaccine Refrigerant Customer List
- Table 66. Global Vaccine Refrigerant Sales Forecast by Region (2025-2030) & (Kiloton)
- Table 67. Global Vaccine Refrigerant Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 68. Americas Vaccine Refrigerant Sales Forecast by Country (2025-2030) & (Kiloton)
- Table 69. Americas Vaccine Refrigerant Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 70. APAC Vaccine Refrigerant Sales Forecast by Region (2025-2030) & (Kiloton)
- Table 71. APAC Vaccine Refrigerant Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 72. Europe Vaccine Refrigerant Sales Forecast by Country (2025-2030) & (Kiloton)
- Table 73. Europe Vaccine Refrigerant Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 74. Middle East & Africa Vaccine Refrigerant Sales Forecast by Country (2025-2030) & (Kiloton)
- Table 75. Middle East & Africa Vaccine Refrigerant Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 76. Global Vaccine Refrigerant Sales Forecast by Type (2025-2030) & (Kiloton)
- Table 77. Global Vaccine Refrigerant Revenue Forecast by Type (2025-2030) & (\$ Millions)
- Table 78. Global Vaccine Refrigerant Sales Forecast by Application (2025-2030) & (Kiloton)
- Table 79. Global Vaccine Refrigerant Revenue Forecast by Application (2025-2030) & (\$ Millions)
- Table 80. Dupont Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors
- Table 81. Dupont Vaccine Refrigerant Product Portfolios and Specifications



Table 82. Dupont Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 83. Dupont Main Business

Table 84. Dupont Latest Developments

Table 85. Juhua Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 86. Juhua Vaccine Refrigerant Product Portfolios and Specifications

Table 87. Juhua Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 88. Juhua Main Business

Table 89. Juhua Latest Developments

Table 90. San Mei Chem Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 91. San Mei Chem Vaccine Refrigerant Product Portfolios and Specifications

Table 92. San Mei Chem Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 93. San Mei Chem Main Business

Table 94. San Mei Chem Latest Developments

Table 95. Chemours Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 96. Chemours Vaccine Refrigerant Product Portfolios and Specifications

Table 97. Chemours Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 98. Chemours Main Business

Table 99. Chemours Latest Developments

Table 100. Guomao Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 101. Guomao Vaccine Refrigerant Product Portfolios and Specifications

Table 102. Guomao Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 103. Guomao Main Business

Table 104. Guomao Latest Developments

Table 105. YUEON Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 106. YUEON Vaccine Refrigerant Product Portfolios and Specifications

Table 107. YUEON Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 108. YUEON Main Business

Table 109. YUEON Latest Developments

Table 110. Zixiang Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 111. Zixiang Vaccine Refrigerant Product Portfolios and Specifications

Table 112. Zixiang Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 113. Zixiang Main Business

Table 114. Zixiang Latest Developments

Table 115. Dong Yue Chem Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 116. Dong Yue Chem Vaccine Refrigerant Product Portfolios and Specifications

Table 117. Dong Yue Chem Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 118. Dong Yue Chem Main Business

Table 119. Dong Yue Chem Latest Developments

Table 120. Shanghai 3F Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 121. Shanghai 3F Vaccine Refrigerant Product Portfolios and Specifications

Table 122. Shanghai 3F Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 123. Shanghai 3F Main Business

Table 124. Shanghai 3F Latest Developments

Table 125. Starget Chem Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 126. Starget Chem Vaccine Refrigerant Product Portfolios and Specifications

Table 127. Starget Chem Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 128. Starget Chem Main Business

Table 129. Starget Chem Latest Developments

Table 130. Zhejiang Yonghe Refrigerant Basic Information, Vaccine Refrigerant Manufacturing Base, Sales Area and Its Competitors

Table 131. Zhejiang Yonghe Refrigerant Vaccine Refrigerant Product Portfolios and Specifications

Table 132. Zhejiang Yonghe Refrigerant Vaccine Refrigerant Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2019-2024)

Table 133. Zhejiang Yonghe Refrigerant Main Business

Table 134. Zhejiang Yonghe Refrigerant Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Vaccine Refrigerant
- Figure 2. Vaccine Refrigerant Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Vaccine Refrigerant Sales Growth Rate 2019-2030 (Kiloton)
- Figure 7. Global Vaccine Refrigerant Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Vaccine Refrigerant Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of R125
- Figure 10. Product Picture of R410a
- Figure 11. Product Picture of R23
- Figure 12. Product Picture of Others
- Figure 13. Global Vaccine Refrigerant Sales Market Share by Type in 2023
- Figure 14. Global Vaccine Refrigerant Revenue Market Share by Type (2019-2024)
- Figure 15. Vaccine Refrigerant Consumed in Vaccine Storage
- Figure 16. Global Vaccine Refrigerant Market: Vaccine Storage (2019-2024) & (Kiloton)
- Figure 17. Vaccine Refrigerant Consumed in Vaccine Shipment
- Figure 18. Global Vaccine Refrigerant Market: Vaccine Shipment (2019-2024) & (Kiloton)
- Figure 19. Vaccine Refrigerant Consumed in Others
- Figure 20. Global Vaccine Refrigerant Market: Others (2019-2024) & (Kiloton)
- Figure 21. Global Vaccine Refrigerant Sales Market Share by Application (2023)
- Figure 22. Global Vaccine Refrigerant Revenue Market Share by Application in 2023
- Figure 23. Vaccine Refrigerant Sales Market by Company in 2023 (Kiloton)
- Figure 24. Global Vaccine Refrigerant Sales Market Share by Company in 2023
- Figure 25. Vaccine Refrigerant Revenue Market by Company in 2023 (\$ Million)
- Figure 26. Global Vaccine Refrigerant Revenue Market Share by Company in 2023
- Figure 27. Global Vaccine Refrigerant Sales Market Share by Geographic Region (2019-2024)
- Figure 28. Global Vaccine Refrigerant Revenue Market Share by Geographic Region in 2023
- Figure 29. Americas Vaccine Refrigerant Sales 2019-2024 (Kiloton)
- Figure 30. Americas Vaccine Refrigerant Revenue 2019-2024 (\$ Millions)
- Figure 31. APAC Vaccine Refrigerant Sales 2019-2024 (Kiloton)
- Figure 32. APAC Vaccine Refrigerant Revenue 2019-2024 (\$ Millions)

- Figure 33. Europe Vaccine Refrigerant Sales 2019-2024 (Kiloton)
- Figure 34. Europe Vaccine Refrigerant Revenue 2019-2024 (\$ Millions)
- Figure 35. Middle East & Africa Vaccine Refrigerant Sales 2019-2024 (Kiloton)
- Figure 36. Middle East & Africa Vaccine Refrigerant Revenue 2019-2024 (\$ Millions)
- Figure 37. Americas Vaccine Refrigerant Sales Market Share by Country in 2023
- Figure 38. Americas Vaccine Refrigerant Revenue Market Share by Country in 2023
- Figure 39. Americas Vaccine Refrigerant Sales Market Share by Type (2019-2024)
- Figure 40. Americas Vaccine Refrigerant Sales Market Share by Application (2019-2024)
- Figure 41. United States Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 42. Canada Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 43. Mexico Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 44. Brazil Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 45. APAC Vaccine Refrigerant Sales Market Share by Region in 2023
- Figure 46. APAC Vaccine Refrigerant Revenue Market Share by Regions in 2023
- Figure 47. APAC Vaccine Refrigerant Sales Market Share by Type (2019-2024)
- Figure 48. APAC Vaccine Refrigerant Sales Market Share by Application (2019-2024)
- Figure 49. China Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 50. Japan Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 51. South Korea Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 52. Southeast Asia Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 53. India Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 54. Australia Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 55. China Taiwan Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 56. Europe Vaccine Refrigerant Sales Market Share by Country in 2023
- Figure 57. Europe Vaccine Refrigerant Revenue Market Share by Country in 2023
- Figure 58. Europe Vaccine Refrigerant Sales Market Share by Type (2019-2024)
- Figure 59. Europe Vaccine Refrigerant Sales Market Share by Application (2019-2024)
- Figure 60. Germany Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 61. France Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 62. UK Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 63. Italy Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 64. Russia Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)
- Figure 65. Middle East & Africa Vaccine Refrigerant Sales Market Share by Country in 2023
- Figure 66. Middle East & Africa Vaccine Refrigerant Revenue Market Share by Country in 2023
- Figure 67. Middle East & Africa Vaccine Refrigerant Sales Market Share by Type (2019-2024)

Figure 68. Middle East & Africa Vaccine Refrigerant Sales Market Share by Application (2019-2024)

Figure 69. Egypt Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)

Figure 70. South Africa Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)

Figure 71. Israel Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)

Figure 72. Turkey Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)

Figure 73. GCC Country Vaccine Refrigerant Revenue Growth 2019-2024 (\$ Millions)

Figure 74. Manufacturing Cost Structure Analysis of Vaccine Refrigerant in 2023

Figure 75. Manufacturing Process Analysis of Vaccine Refrigerant

Figure 76. Industry Chain Structure of Vaccine Refrigerant

Figure 77. Channels of Distribution

Figure 78. Global Vaccine Refrigerant Sales Market Forecast by Region (2025-2030)

Figure 79. Global Vaccine Refrigerant Revenue Market Share Forecast by Region (2025-2030)

Figure 80. Global Vaccine Refrigerant Sales Market Share Forecast by Type (2025-2030)

Figure 81. Global Vaccine Refrigerant Revenue Market Share Forecast by Type (2025-2030)

Figure 82. Global Vaccine Refrigerant Sales Market Share Forecast by Application (2025-2030)

Figure 83. Global Vaccine Refrigerant Revenue Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global Vaccine Refrigerant Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/GC426004FCFBEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC426004FCFBEN.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