

Global Non Fluorine Refrigerant Market Research Report 2025(Status and Outlook)

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Abstracts

Non-fluorine refrigerants, also known as natural refrigerants, are substances used in cooling systems that do not contain fluorine atoms, thereby avoiding the environmental issues associated with fluorinated gases such as high global warming potential (GWP) and ozone depletion potential. These refrigerants include hydrocarbons (e.g., propane, isobutane), carbon dioxide (CO₂), ammonia (NH₃), water, and air, which are valued for their low environmental impact, energy efficiency, and compliance with increasingly stringent international regulations aimed at phasing out synthetic fluorinated refrigerants under agreements like the Kigali Amendment to the Montreal Protocol.

The global Non Fluorine Refrigerant market size was estimated at USD 450.0 million in 2024 and is projected to grow at a compound annual growth rate (CAGR) of 7.50% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Non Fluorine Refrigerant market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Non Fluorine Refrigerant market. It offers detailed profiles of major players, including their

market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Non Fluorine Refrigerant market.

Global Non Fluorine Refrigerant Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Linde Group
Puyang Zhongwei Fine
Airgas
Sinochem
Shandong Yuean
Aeropres
A-Gas international
Tazzetti
Engas Australasia
Harp International
Hychill
GTS

Market Segmentation (by Type)

Ammonia
Hydrocarbons
Carbon Dioxide

Market Segmentation (by Application)

Refrigeration
Air Conditioning
Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the Non Fluorine Refrigerant Market
Overview of the regional outlook of the Non Fluorine Refrigerant Market:

Customization of the Report

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Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an 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 Non Fluorine Refrigerant Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the 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 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to 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 8 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 capacity of each country in the world.

Chapter 9 shares the main producing countries of Non Fluorine Refrigerant, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business

expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

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Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Non Fluorine Refrigerant

1.2 Key Market Segments

1.2.1 Non Fluorine Refrigerant Segment by Type

1.2.2 Non Fluorine Refrigerant Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 NON FLUORINE REFRIGERANT MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Non Fluorine Refrigerant Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global Non Fluorine Refrigerant Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 NON FLUORINE REFRIGERANT MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Non Fluorine Refrigerant Product Life Cycle

3.3 Global Non Fluorine Refrigerant Sales by Manufacturers (2020-2025)

3.4 Global Non Fluorine Refrigerant Revenue Market Share by Manufacturers (2020-2025)

3.5 Non Fluorine Refrigerant Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Non Fluorine Refrigerant Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 Non Fluorine Refrigerant Market Competitive Situation and Trends

3.8.1 Non Fluorine Refrigerant Market Concentration Rate

3.8.2 Global 5 and 10 Largest Non Fluorine Refrigerant Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 NON FLUORINE REFRIGERANT INDUSTRY CHAIN ANALYSIS

- 4.1 Non Fluorine Refrigerant Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF NON FLUORINE REFRIGERANT MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global Non Fluorine Refrigerant Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to Non Fluorine Refrigerant Market
- 5.7 ESG Ratings of Leading Companies

6 NON FLUORINE REFRIGERANT MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Non Fluorine Refrigerant Sales Market Share by Type (2020-2025)
- 6.3 Global Non Fluorine Refrigerant Market Size Market Share by Type (2020-2025)
- 6.4 Global Non Fluorine Refrigerant Price by Type (2020-2025)

7 NON FLUORINE REFRIGERANT MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Non Fluorine Refrigerant Market Sales by Application (2020-2025)
- 7.3 Global Non Fluorine Refrigerant Market Size (M USD) by Application (2020-2025)
- 7.4 Global Non Fluorine Refrigerant Sales Growth Rate by Application (2020-2025)

8 NON FLUORINE REFRIGERANT MARKET SALES BY REGION

- 8.1 Global Non Fluorine Refrigerant Sales by Region
 - 8.1.1 Global Non Fluorine Refrigerant Sales by Region
 - 8.1.2 Global Non Fluorine Refrigerant Sales Market Share by Region
- 8.2 Global Non Fluorine Refrigerant Market Size by Region
 - 8.2.1 Global Non Fluorine Refrigerant Market Size by Region
 - 8.2.2 Global Non Fluorine Refrigerant Market Size Market Share by Region
- 8.3 North America
 - 8.3.1 North America Non Fluorine Refrigerant Sales by Country
 - 8.3.2 North America Non Fluorine Refrigerant Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Non Fluorine Refrigerant Sales by Country
 - 8.4.2 Europe Non Fluorine Refrigerant Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Non Fluorine Refrigerant Sales by Region
 - 8.5.2 Asia Pacific Non Fluorine Refrigerant Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Non Fluorine Refrigerant Sales by Country
 - 8.6.2 South America Non Fluorine Refrigerant Market Size by Country
 - 8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Non Fluorine Refrigerant Sales by Region

8.7.2 Middle East and Africa Non Fluorine Refrigerant Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 NON FLUORINE REFRIGERANT MARKET PRODUCTION BY REGION

9.1 Global Production of Non Fluorine Refrigerant by Region(2020-2025)

9.2 Global Non Fluorine Refrigerant Revenue Market Share by Region (2020-2025)

9.3 Global Non Fluorine Refrigerant Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Non Fluorine Refrigerant Production

9.4.1 North America Non Fluorine Refrigerant Production Growth Rate (2020-2025)

9.4.2 North America Non Fluorine Refrigerant Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Non Fluorine Refrigerant Production

9.5.1 Europe Non Fluorine Refrigerant Production Growth Rate (2020-2025)

9.5.2 Europe Non Fluorine Refrigerant Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Non Fluorine Refrigerant Production (2020-2025)

9.6.1 Japan Non Fluorine Refrigerant Production Growth Rate (2020-2025)

9.6.2 Japan Non Fluorine Refrigerant Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Non Fluorine Refrigerant Production (2020-2025)

9.7.1 China Non Fluorine Refrigerant Production Growth Rate (2020-2025)

9.7.2 China Non Fluorine Refrigerant Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Linde Group

10.1.1 Linde Group Basic Information

10.1.2 Linde Group Non Fluorine Refrigerant Product Overview

- 10.1.3 Linde Group Non Fluorine Refrigerant Product Market Performance
- 10.1.4 Linde Group Business Overview
- 10.1.5 Linde Group SWOT Analysis
- 10.1.6 Linde Group Recent Developments
- 10.2 Puyang Zhongwei Fine
 - 10.2.1 Puyang Zhongwei Fine Basic Information
 - 10.2.2 Puyang Zhongwei Fine Non Fluorine Refrigerant Product Overview
 - 10.2.3 Puyang Zhongwei Fine Non Fluorine Refrigerant Product Market Performance
 - 10.2.4 Puyang Zhongwei Fine Business Overview
 - 10.2.5 Puyang Zhongwei Fine SWOT Analysis
 - 10.2.6 Puyang Zhongwei Fine Recent Developments
- 10.3 Airgas
 - 10.3.1 Airgas Basic Information
 - 10.3.2 Airgas Non Fluorine Refrigerant Product Overview
 - 10.3.3 Airgas Non Fluorine Refrigerant Product Market Performance
 - 10.3.4 Airgas Business Overview
 - 10.3.5 Airgas SWOT Analysis
 - 10.3.6 Airgas Recent Developments
- 10.4 Sinochem
 - 10.4.1 Sinochem Basic Information
 - 10.4.2 Sinochem Non Fluorine Refrigerant Product Overview
 - 10.4.3 Sinochem Non Fluorine Refrigerant Product Market Performance
 - 10.4.4 Sinochem Business Overview
 - 10.4.5 Sinochem Recent Developments
- 10.5 Shandong Yuean
 - 10.5.1 Shandong Yuean Basic Information
 - 10.5.2 Shandong Yuean Non Fluorine Refrigerant Product Overview
 - 10.5.3 Shandong Yuean Non Fluorine Refrigerant Product Market Performance
 - 10.5.4 Shandong Yuean Business Overview
 - 10.5.5 Shandong Yuean Recent Developments
- 10.6 Aeropres
 - 10.6.1 Aeropres Basic Information
 - 10.6.2 Aeropres Non Fluorine Refrigerant Product Overview
 - 10.6.3 Aeropres Non Fluorine Refrigerant Product Market Performance
 - 10.6.4 Aeropres Business Overview
 - 10.6.5 Aeropres Recent Developments
- 10.7 A-Gas international
 - 10.7.1 A-Gas international Basic Information
 - 10.7.2 A-Gas international Non Fluorine Refrigerant Product Overview

- 10.7.3 A-Gas international Non Fluorine Refrigerant Product Market Performance
- 10.7.4 A-Gas international Business Overview
- 10.7.5 A-Gas international Recent Developments
- 10.8 Tazzetti
 - 10.8.1 Tazzetti Basic Information
 - 10.8.2 Tazzetti Non Fluorine Refrigerant Product Overview
 - 10.8.3 Tazzetti Non Fluorine Refrigerant Product Market Performance
 - 10.8.4 Tazzetti Business Overview
 - 10.8.5 Tazzetti Recent Developments
- 10.9 Engas Australasia
 - 10.9.1 Engas Australasia Basic Information
 - 10.9.2 Engas Australasia Non Fluorine Refrigerant Product Overview
 - 10.9.3 Engas Australasia Non Fluorine Refrigerant Product Market Performance
 - 10.9.4 Engas Australasia Business Overview
 - 10.9.5 Engas Australasia Recent Developments
- 10.10 Harp International
 - 10.10.1 Harp International Basic Information
 - 10.10.2 Harp International Non Fluorine Refrigerant Product Overview
 - 10.10.3 Harp International Non Fluorine Refrigerant Product Market Performance
 - 10.10.4 Harp International Business Overview
 - 10.10.5 Harp International Recent Developments
- 10.11 Hychill
 - 10.11.1 Hychill Basic Information
 - 10.11.2 Hychill Non Fluorine Refrigerant Product Overview
 - 10.11.3 Hychill Non Fluorine Refrigerant Product Market Performance
 - 10.11.4 Hychill Business Overview
 - 10.11.5 Hychill Recent Developments
- 10.12 GTS
 - 10.12.1 GTS Basic Information
 - 10.12.2 GTS Non Fluorine Refrigerant Product Overview
 - 10.12.3 GTS Non Fluorine Refrigerant Product Market Performance
 - 10.12.4 GTS Business Overview
 - 10.12.5 GTS Recent Developments

11 NON FLUORINE REFRIGERANT MARKET FORECAST BY REGION

- 11.1 Global Non Fluorine Refrigerant Market Size Forecast
- 11.2 Global Non Fluorine Refrigerant Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country

- 11.2.2 Europe Non Fluorine Refrigerant Market Size Forecast by Country
- 11.2.3 Asia Pacific Non Fluorine Refrigerant Market Size Forecast by Region
- 11.2.4 South America Non Fluorine Refrigerant Market Size Forecast by Country
- 11.2.5 Middle East and Africa Forecasted Sales of Non Fluorine Refrigerant by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

- 12.1 Global Non Fluorine Refrigerant Market Forecast by Type (2026-2033)
 - 12.1.1 Global Forecasted Sales of Non Fluorine Refrigerant by Type (2026-2033)
 - 12.1.2 Global Non Fluorine Refrigerant Market Size Forecast by Type (2026-2033)
 - 12.1.3 Global Forecasted Price of Non Fluorine Refrigerant by Type (2026-2033)
- 12.2 Global Non Fluorine Refrigerant Market Forecast by Application (2026-2033)
 - 12.2.1 Global Non Fluorine Refrigerant Sales (K MT) Forecast by Application
 - 12.2.2 Global Non Fluorine Refrigerant Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type
Table 2. Introduction of the Application
Table 3. Market Size (M USD) Segment Executive Summary
Table 4. Non Fluorine Refrigerant Market Size Comparison by Region (M USD)
Table 5. Global Non Fluorine Refrigerant Sales (K MT) by Manufacturers (2020-2025)
Table 6. Global Non Fluorine Refrigerant Sales Market Share by Manufacturers (2020-2025)
Table 7. Global Non Fluorine Refrigerant Revenue (M USD) by Manufacturers (2020-2025)
Table 8. Global Non Fluorine Refrigerant Revenue Share by Manufacturers (2020-2025)
Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Non Fluorine Refrigerant as of 2024)
Table 10. Global Market Non Fluorine Refrigerant Average Price (USD/KG) of Key Manufacturers (2020-2025)
Table 11. Manufacturers? Manufacturing Sites, Areas Served
Table 12. Manufacturers? Product Type
Table 13. Global Non Fluorine Refrigerant Manufacturers Market Concentration Ratio (CR5 and HHI)
Table 14. Mergers & Acquisitions, Expansion Plans
Table 15. Market Overview of Key Raw Materials
Table 16. Midstream Market Analysis
Table 17. Downstream Customer Analysis
Table 18. Key Development Trends
Table 19. Driving Factors
Table 20. Non Fluorine Refrigerant Market Challenges
Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026
Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027
Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026
Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
Table 25. Global Non Fluorine Refrigerant Sales by Type (K MT)
Table 26. Global Non Fluorine Refrigerant Market Size by Type (M USD)
Table 27. Global Non Fluorine Refrigerant Sales (K MT) by Type (2020-2025)
Table 28. Global Non Fluorine Refrigerant Sales Market Share by Type (2020-2025)
Table 29. Global Non Fluorine Refrigerant Market Size (M USD) by Type (2020-2025)

Table 30. Global Non Fluorine Refrigerant Market Size Share by Type (2020-2025)
Table 31. Global Non Fluorine Refrigerant Price (USD/KG) by Type (2020-2025)
Table 32. Global Non Fluorine Refrigerant Sales (K MT) by Application
Table 33. Global Non Fluorine Refrigerant Market Size by Application
Table 34. Global Non Fluorine Refrigerant Sales by Application (2020-2025) & (K MT)
Table 35. Global Non Fluorine Refrigerant Sales Market Share by Application (2020-2025)
Table 36. Global Non Fluorine Refrigerant Market Size by Application (2020-2025) & (M USD)
Table 37. Global Non Fluorine Refrigerant Market Share by Application (2020-2025)
Table 38. Global Non Fluorine Refrigerant Sales Growth Rate by Application (2020-2025)
Table 39. Global Non Fluorine Refrigerant Sales by Region (2020-2025) & (K MT)
Table 40. Global Non Fluorine Refrigerant Sales Market Share by Region (2020-2025)
Table 41. Global Non Fluorine Refrigerant Market Size by Region (2020-2025) & (M USD)
Table 42. Global Non Fluorine Refrigerant Market Size Market Share by Region (2020-2025)
Table 43. North America Non Fluorine Refrigerant Sales by Country (2020-2025) & (K MT)
Table 44. North America Non Fluorine Refrigerant Market Size by Country (2020-2025) & (M USD)
Table 45. Europe Non Fluorine Refrigerant Sales by Country (2020-2025) & (K MT)
Table 46. Europe Non Fluorine Refrigerant Market Size by Country (2020-2025) & (M USD)
Table 47. Asia Pacific Non Fluorine Refrigerant Sales by Region (2020-2025) & (K MT)
Table 48. Asia Pacific Non Fluorine Refrigerant Market Size by Region (2020-2025) & (M USD)
Table 49. South America Non Fluorine Refrigerant Sales by Country (2020-2025) & (K MT)
Table 50. South America Non Fluorine Refrigerant Market Size by Country (2020-2025) & (M USD)
Table 51. Middle East and Africa Non Fluorine Refrigerant Sales by Region (2020-2025) & (K MT)
Table 52. Middle East and Africa Non Fluorine Refrigerant Market Size by Region (2020-2025) & (M USD)
Table 53. Global Non Fluorine Refrigerant Production (K MT) by Region(2020-2025)
Table 54. Global Non Fluorine Refrigerant Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global Non Fluorine Refrigerant Revenue Market Share by Region (2020-2025)

Table 56. Global Non Fluorine Refrigerant Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 57. North America Non Fluorine Refrigerant Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. Europe Non Fluorine Refrigerant Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Japan Non Fluorine Refrigerant Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. China Non Fluorine Refrigerant Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. Linde Group Basic Information

Table 62. Linde Group Non Fluorine Refrigerant Product Overview

Table 63. Linde Group Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 64. Linde Group Business Overview

Table 65. Linde Group SWOT Analysis

Table 66. Linde Group Recent Developments

Table 67. Puyang Zhongwei Fine Basic Information

Table 68. Puyang Zhongwei Fine Non Fluorine Refrigerant Product Overview

Table 69. Puyang Zhongwei Fine Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 70. Puyang Zhongwei Fine Business Overview

Table 71. Puyang Zhongwei Fine SWOT Analysis

Table 72. Puyang Zhongwei Fine Recent Developments

Table 73. Airgas Basic Information

Table 74. Airgas Non Fluorine Refrigerant Product Overview

Table 75. Airgas Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 76. Airgas Business Overview

Table 77. Airgas SWOT Analysis

Table 78. Airgas Recent Developments

Table 79. Sinochem Basic Information

Table 80. Sinochem Non Fluorine Refrigerant Product Overview

Table 81. Sinochem Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 82. Sinochem Business Overview

Table 83. Sinochem Recent Developments

Table 84. Shandong Yuean Basic Information
Table 85. Shandong Yuean Non Fluorine Refrigerant Product Overview
Table 86. Shandong Yuean Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 87. Shandong Yuean Business Overview
Table 88. Shandong Yuean Recent Developments
Table 89. Aeropres Basic Information
Table 90. Aeropres Non Fluorine Refrigerant Product Overview
Table 91. Aeropres Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 92. Aeropres Business Overview
Table 93. Aeropres Recent Developments
Table 94. A-Gas international Basic Information
Table 95. A-Gas international Non Fluorine Refrigerant Product Overview
Table 96. A-Gas international Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 97. A-Gas international Business Overview
Table 98. A-Gas international Recent Developments
Table 99. Tazzetti Basic Information
Table 100. Tazzetti Non Fluorine Refrigerant Product Overview
Table 101. Tazzetti Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 102. Tazzetti Business Overview
Table 103. Tazzetti Recent Developments
Table 104. Engas Australasia Basic Information
Table 105. Engas Australasia Non Fluorine Refrigerant Product Overview
Table 106. Engas Australasia Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 107. Engas Australasia Business Overview
Table 108. Engas Australasia Recent Developments
Table 109. Harp International Basic Information
Table 110. Harp International Non Fluorine Refrigerant Product Overview
Table 111. Harp International Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 112. Harp International Business Overview
Table 113. Harp International Recent Developments
Table 114. Hychill Basic Information
Table 115. Hychill Non Fluorine Refrigerant Product Overview
Table 116. Hychill Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price

(USD/KG) and Gross Margin (2020-2025)

Table 117. Hychill Business Overview

Table 118. Hychill Recent Developments

Table 119. GTS Basic Information

Table 120. GTS Non Fluorine Refrigerant Product Overview

Table 121. GTS Non Fluorine Refrigerant Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 122. GTS Business Overview

Table 123. GTS Recent Developments

Table 124. Global Non Fluorine Refrigerant Sales Forecast by Region (2026-2033) & (K MT)

Table 125. Global Non Fluorine Refrigerant Market Size Forecast by Region (2026-2033) & (M USD)

Table 126. North America Non Fluorine Refrigerant Sales Forecast by Country (2026-2033) & (K MT)

Table 127. North America Non Fluorine Refrigerant Market Size Forecast by Country (2026-2033) & (M USD)

Table 128. Europe Non Fluorine Refrigerant Sales Forecast by Country (2026-2033) & (K MT)

Table 129. Europe Non Fluorine Refrigerant Market Size Forecast by Country (2026-2033) & (M USD)

Table 130. Asia Pacific Non Fluorine Refrigerant Sales Forecast by Region (2026-2033) & (K MT)

Table 131. Asia Pacific Non Fluorine Refrigerant Market Size Forecast by Region (2026-2033) & (M USD)

Table 132. South America Non Fluorine Refrigerant Sales Forecast by Country (2026-2033) & (K MT)

Table 133. South America Non Fluorine Refrigerant Market Size Forecast by Country (2026-2033) & (M USD)

Table 134. Middle East and Africa Non Fluorine Refrigerant Sales Forecast by Country (2026-2033) & (Units)

Table 135. Middle East and Africa Non Fluorine Refrigerant Market Size Forecast by Country (2026-2033) & (M USD)

Table 136. Global Non Fluorine Refrigerant Sales Forecast by Type (2026-2033) & (K MT)

Table 137. Global Non Fluorine Refrigerant Market Size Forecast by Type (2026-2033) & (M USD)

Table 138. Global Non Fluorine Refrigerant Price Forecast by Type (2026-2033) & (USD/KG)

Table 139. Global Non Fluorine Refrigerant Sales (K MT) Forecast by Application
(2026-2033)

Table 140. Global Non Fluorine Refrigerant Market Size Forecast by Application
(2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Non Fluorine Refrigerant
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Non Fluorine Refrigerant Market Size (M USD), 2024-2033
- Figure 5. Global Non Fluorine Refrigerant Market Size (M USD) (2020-2033)
- Figure 6. Global Non Fluorine Refrigerant Sales (K MT) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Non Fluorine Refrigerant Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Non Fluorine Refrigerant Product Life Cycle
- Figure 13. Non Fluorine Refrigerant Sales Share by Manufacturers in 2024
- Figure 14. Global Non Fluorine Refrigerant Revenue Share by Manufacturers in 2024
- Figure 15. Non Fluorine Refrigerant Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Non Fluorine Refrigerant Average Price (USD/KG) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Non Fluorine Refrigerant Revenue in 2024
- Figure 18. Industry Chain Map of Non Fluorine Refrigerant
- Figure 19. Global Non Fluorine Refrigerant Market PEST Analysis
- Figure 20. Global Non Fluorine Refrigerant Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Non Fluorine Refrigerant Market Share by Type
- Figure 27. Sales Market Share of Non Fluorine Refrigerant by Type (2020-2025)
- Figure 28. Sales Market Share of Non Fluorine Refrigerant by Type in 2024
- Figure 29. Market Size Share of Non Fluorine Refrigerant by Type (2020-2025)
- Figure 30. Market Size Share of Non Fluorine Refrigerant by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Non Fluorine Refrigerant Market Share by Application

Figure 33. Global Non Fluorine Refrigerant Sales Market Share by Application (2020-2025)

Figure 34. Global Non Fluorine Refrigerant Sales Market Share by Application in 2024

Figure 35. Global Non Fluorine Refrigerant Market Share by Application (2020-2025)

Figure 36. Global Non Fluorine Refrigerant Market Share by Application in 2024

Figure 37. Global Non Fluorine Refrigerant Sales Growth Rate by Application (2020-2025)

Figure 38. Global Non Fluorine Refrigerant Sales Market Share by Region (2020-2025)

Figure 39. Global Non Fluorine Refrigerant Market Size Market Share by Region (2020-2025)

Figure 40. North America Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Non Fluorine Refrigerant Sales Market Share by Country in 2024

Figure 43. North America Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Non Fluorine Refrigerant Market Size Market Share by Country in 2024

Figure 45. U.S. Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Non Fluorine Refrigerant Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Non Fluorine Refrigerant Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Non Fluorine Refrigerant Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Non Fluorine Refrigerant Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Non Fluorine Refrigerant Sales Market Share by Country in 2024

Figure 53. Europe Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Non Fluorine Refrigerant Market Size Market Share by Country in 2024

Figure 55. Germany Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Non Fluorine Refrigerant Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Non Fluorine Refrigerant Sales Market Share by Region in 2024

Figure 67. Asia Pacific Non Fluorine Refrigerant Market Size Market Share by Region in 2024

Figure 68. China Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Non Fluorine Refrigerant Sales and Growth Rate (K MT)

Figure 79. South America Non Fluorine Refrigerant Sales Market Share by Country in 2024

Figure 80. South America Non Fluorine Refrigerant Market Size and Growth Rate (M USD)

Figure 81. South America Non Fluorine Refrigerant Market Size Market Share by Country in 2024

Figure 82. Brazil Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Non Fluorine Refrigerant Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Non Fluorine Refrigerant Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Non Fluorine Refrigerant Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Non Fluorine Refrigerant Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K

MT)

Figure 99. Nigeria Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Non Fluorine Refrigerant Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Non Fluorine Refrigerant Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Non Fluorine Refrigerant Production Market Share by Region (2020-2025)

Figure 103. North America Non Fluorine Refrigerant Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Non Fluorine Refrigerant Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Non Fluorine Refrigerant Production (K MT) Growth Rate (2020-2025)

Figure 106. China Non Fluorine Refrigerant Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Non Fluorine Refrigerant Sales Forecast by Volume (2020-2033) & (K MT)

Figure 108. Global Non Fluorine Refrigerant Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Non Fluorine Refrigerant Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Non Fluorine Refrigerant Market Share Forecast by Type (2026-2033)

Figure 111. Global Non Fluorine Refrigerant Sales Forecast by Application (2026-2033)

Figure 112. Global Non Fluorine Refrigerant Market Share Forecast by Application (2026-2033)

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