

Global Gallium Trichloride Market Growth 2022-2028

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Abstracts

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Gallium trichloride (GaCl_3 , gallium chloride) is the ideal precursor for gallium derivative compounds. Gallium trichloride is the starting material for gallium-based metal-organic precursors. Amongst these TMG (Tri-methyl gallium) is the most prominent choice for MOCVD deposition processes widely used in the compound semiconductor and LED industries. Another important industrial use for gallium chloride is in the battery industry, specifically primary batteries that use a lithium thionyl chloride (LTC) battery chemistry. In these LTC batteries gallium chloride is the precursor material for the electrolyte salt (LiGaCl_4).

The global market for Gallium Trichloride is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Gallium Trichloride market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Gallium Trichloride market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Gallium Trichloride market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Gallium Trichloride market is expected at value of US\$ million in 2022 and

grow at approximately % CAGR during 2022 and 2028.

Global key Gallium Trichloride players cover Indium Corporation, Ereztech, Actylis, Dalian F.T.Z CREDIT Chemical Technology Development and Vital Advanced Materials, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Gallium Trichloride market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Gallium Trichloride market, with both quantitative and qualitative data, to help readers understand how the Gallium Trichloride market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

Market Segmentation:

The study segments the Gallium Trichloride market and forecasts the market size by Type (Purity 2N, Purity 3N and Purity 4N), by Application (Semiconductor, Lithium Battery, Organic Synthesis and Electronics Industry), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Purity 2N

Purity 3N

Purity 4N

Purity 5N

Others

Segmentation by application

Semiconductor

Lithium Battery

Organic Synthesis

Electronics Industry

Catalyzer

Others

Segmentation 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

Major companies covered

Indium Corporation

Ereztech

Actylis

Dalian F.T.Z CREDIT Chemical Technology Development

Vital Advanced Materials

KRD Materials

Juxin New Material

XI'AN FUNCTION MATERIAL GROUP

Hangzhou Kaiyada Semiconductor Materials

Chapter Introduction

Chapter 1: Scope of Gallium Trichloride, Research Methodology, etc.

Chapter 2: Executive Summary, global Gallium Trichloride market size (sales and revenue) and CAGR, Gallium Trichloride market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Gallium Trichloride sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Gallium Trichloride sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Gallium Trichloride market size forecast by region, by country, by

type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Indium Corporation, Ereztech, Actylis, Dalian F.T.Z CREDIT Chemical Technology Development, Vital Advanced Materials, KRD Materials, Juxin New Material, XI'AN FUNCTION MATERIAL GROUP and Hangzhou Kaiyada Semiconductor Materials, etc.

Chapter 14: Research Findings and Conclusion

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

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Gallium Trichloride Annual Sales 2017-2028
 - 2.1.2 World Current & Future Analysis for Gallium Trichloride by Geographic Region, 2017, 2022 & 2028
 - 2.1.3 World Current & Future Analysis for Gallium Trichloride by Country/Region, 2017, 2022 & 2028
- 2.2 Gallium Trichloride Segment by Type
 - 2.2.1 Purity 2N
 - 2.2.2 Purity 3N
 - 2.2.3 Purity 4N
 - 2.2.4 Purity 5N
 - 2.2.5 Others
- 2.3 Gallium Trichloride Sales by Type
 - 2.3.1 Global Gallium Trichloride Sales Market Share by Type (2017-2022)
 - 2.3.2 Global Gallium Trichloride Revenue and Market Share by Type (2017-2022)
 - 2.3.3 Global Gallium Trichloride Sale Price by Type (2017-2022)
- 2.4 Gallium Trichloride Segment by Application
 - 2.4.1 Semiconductor
 - 2.4.2 Lithium Battery
 - 2.4.3 Organic Synthesis
 - 2.4.4 Electronics Industry
 - 2.4.5 Catalyzer
 - 2.4.6 Others
- 2.5 Gallium Trichloride Sales by Application
 - 2.5.1 Global Gallium Trichloride Sale Market Share by Application (2017-2022)

2.5.2 Global Gallium Trichloride Revenue and Market Share by Application (2017-2022)

2.5.3 Global Gallium Trichloride Sale Price by Application (2017-2022)

3 GLOBAL GALLIUM TRICHLORIDE BY COMPANY

3.1 Global Gallium Trichloride Breakdown Data by Company

3.1.1 Global Gallium Trichloride Annual Sales by Company (2020-2022)

3.1.2 Global Gallium Trichloride Sales Market Share by Company (2020-2022)

3.2 Global Gallium Trichloride Annual Revenue by Company (2020-2022)

3.2.1 Global Gallium Trichloride Revenue by Company (2020-2022)

3.2.2 Global Gallium Trichloride Revenue Market Share by Company (2020-2022)

3.3 Global Gallium Trichloride Sale Price by Company

3.4 Key Manufacturers Gallium Trichloride Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Gallium Trichloride Product Location Distribution

3.4.2 Players Gallium Trichloride Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR GALLIUM TRICHLORIDE BY GEOGRAPHIC REGION

4.1 World Historic Gallium Trichloride Market Size by Geographic Region (2017-2022)

4.1.1 Global Gallium Trichloride Annual Sales by Geographic Region (2017-2022)

4.1.2 Global Gallium Trichloride Annual Revenue by Geographic Region

4.2 World Historic Gallium Trichloride Market Size by Country/Region (2017-2022)

4.2.1 Global Gallium Trichloride Annual Sales by Country/Region (2017-2022)

4.2.2 Global Gallium Trichloride Annual Revenue by Country/Region

4.3 Americas Gallium Trichloride Sales Growth

4.4 APAC Gallium Trichloride Sales Growth

4.5 Europe Gallium Trichloride Sales Growth

4.6 Middle East & Africa Gallium Trichloride Sales Growth

5 AMERICAS

5.1 Americas Gallium Trichloride Sales by Country

5.1.1 Americas Gallium Trichloride Sales by Country (2017-2022)

5.1.2 Americas Gallium Trichloride Revenue by Country (2017-2022)

5.2 Americas Gallium Trichloride Sales by Type

5.3 Americas Gallium Trichloride Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Gallium Trichloride Sales by Region

6.1.1 APAC Gallium Trichloride Sales by Region (2017-2022)

6.1.2 APAC Gallium Trichloride Revenue by Region (2017-2022)

6.2 APAC Gallium Trichloride Sales by Type

6.3 APAC Gallium Trichloride 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 Gallium Trichloride by Country

7.1.1 Europe Gallium Trichloride Sales by Country (2017-2022)

7.1.2 Europe Gallium Trichloride Revenue by Country (2017-2022)

7.2 Europe Gallium Trichloride Sales by Type

7.3 Europe Gallium Trichloride 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 Gallium Trichloride by Country

8.1.1 Middle East & Africa Gallium Trichloride Sales by Country (2017-2022)

8.1.2 Middle East & Africa Gallium Trichloride Revenue by Country (2017-2022)

8.2 Middle East & Africa Gallium Trichloride Sales by Type

8.3 Middle East & Africa Gallium Trichloride 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 Gallium Trichloride

10.3 Manufacturing Process Analysis of Gallium Trichloride

10.4 Industry Chain Structure of Gallium Trichloride

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Gallium Trichloride Distributors

11.3 Gallium Trichloride Customer

12 WORLD FORECAST REVIEW FOR GALLIUM TRICHLORIDE BY GEOGRAPHIC REGION

12.1 Global Gallium Trichloride Market Size Forecast by Region

12.1.1 Global Gallium Trichloride Forecast by Region (2023-2028)

12.1.2 Global Gallium Trichloride Annual Revenue Forecast by Region (2023-2028)

- 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 Gallium Trichloride Forecast by Type
- 12.7 Global Gallium Trichloride Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Indium Corporation

- 13.1.1 Indium Corporation Company Information
- 13.1.2 Indium Corporation Gallium Trichloride Product Offered
- 13.1.3 Indium Corporation Gallium Trichloride Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.1.4 Indium Corporation Main Business Overview
- 13.1.5 Indium Corporation Latest Developments

13.2 Ereztech

- 13.2.1 Ereztech Company Information
- 13.2.2 Ereztech Gallium Trichloride Product Offered
- 13.2.3 Ereztech Gallium Trichloride Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.2.4 Ereztech Main Business Overview
- 13.2.5 Ereztech Latest Developments

13.3 Actylis

- 13.3.1 Actylis Company Information
- 13.3.2 Actylis Gallium Trichloride Product Offered
- 13.3.3 Actylis Gallium Trichloride Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.3.4 Actylis Main Business Overview
- 13.3.5 Actylis Latest Developments

13.4 Dalian F.T.Z CREDIT Chemical Technology Development

- 13.4.1 Dalian F.T.Z CREDIT Chemical Technology Development Company Information
- 13.4.2 Dalian F.T.Z CREDIT Chemical Technology Development Gallium Trichloride Product Offered
- 13.4.3 Dalian F.T.Z CREDIT Chemical Technology Development Gallium Trichloride Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.4.4 Dalian F.T.Z CREDIT Chemical Technology Development Main Business Overview

- 13.4.5 Dalian F.T.Z CREDIT Chemical Technology Development Latest Developments
- 13.5 Vital Advanced Materials
 - 13.5.1 Vital Advanced Materials Company Information
 - 13.5.2 Vital Advanced Materials Gallium Trichloride Product Offered
 - 13.5.3 Vital Advanced Materials Gallium Trichloride Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.5.4 Vital Advanced Materials Main Business Overview
 - 13.5.5 Vital Advanced Materials Latest Developments
- 13.6 KRD Materials
 - 13.6.1 KRD Materials Company Information
 - 13.6.2 KRD Materials Gallium Trichloride Product Offered
 - 13.6.3 KRD Materials Gallium Trichloride Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.6.4 KRD Materials Main Business Overview
 - 13.6.5 KRD Materials Latest Developments
- 13.7 Juxin New Material
 - 13.7.1 Juxin New Material Company Information
 - 13.7.2 Juxin New Material Gallium Trichloride Product Offered
 - 13.7.3 Juxin New Material Gallium Trichloride Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.7.4 Juxin New Material Main Business Overview
 - 13.7.5 Juxin New Material Latest Developments
- 13.8 XI'AN FUNCTION MATERIAL GROUP
 - 13.8.1 XI'AN FUNCTION MATERIAL GROUP Company Information
 - 13.8.2 XI'AN FUNCTION MATERIAL GROUP Gallium Trichloride Product Offered
 - 13.8.3 XI'AN FUNCTION MATERIAL GROUP Gallium Trichloride Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.8.4 XI'AN FUNCTION MATERIAL GROUP Main Business Overview
 - 13.8.5 XI'AN FUNCTION MATERIAL GROUP Latest Developments
- 13.9 Hangzhou Kaiyada Semiconductor Materials
 - 13.9.1 Hangzhou Kaiyada Semiconductor Materials Company Information
 - 13.9.2 Hangzhou Kaiyada Semiconductor Materials Gallium Trichloride Product Offered
 - 13.9.3 Hangzhou Kaiyada Semiconductor Materials Gallium Trichloride Sales, Revenue, Price and Gross Margin (2020-2022)
 - 13.9.4 Hangzhou Kaiyada Semiconductor Materials Main Business Overview
 - 13.9.5 Hangzhou Kaiyada Semiconductor Materials Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Gallium Trichloride Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions)
- Table 2. Gallium Trichloride Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions)
- Table 3. Major Players of Purity 2N
- Table 4. Major Players of Purity 3N
- Table 5. Major Players of Purity 4N
- Table 6. Major Players of Purity 5N
- Table 7. Major Players of Others
- Table 8. Global Gallium Trichloride Sales by Type (2017-2022) & (Tons)
- Table 9. Global Gallium Trichloride Sales Market Share by Type (2017-2022)
- Table 10. Global Gallium Trichloride Revenue by Type (2017-2022) & (\$ million)
- Table 11. Global Gallium Trichloride Revenue Market Share by Type (2017-2022)
- Table 12. Global Gallium Trichloride Sale Price by Type (2017-2022) & (US\$/Ton)
- Table 13. Global Gallium Trichloride Sales by Application (2017-2022) & (Tons)
- Table 14. Global Gallium Trichloride Sales Market Share by Application (2017-2022)
- Table 15. Global Gallium Trichloride Revenue by Application (2017-2022)
- Table 16. Global Gallium Trichloride Revenue Market Share by Application (2017-2022)
- Table 17. Global Gallium Trichloride Sale Price by Application (2017-2022) & (US\$/Ton)
- Table 18. Global Gallium Trichloride Sales by Company (2020-2022) & (Tons)
- Table 19. Global Gallium Trichloride Sales Market Share by Company (2020-2022)
- Table 20. Global Gallium Trichloride Revenue by Company (2020-2022) (\$ Millions)
- Table 21. Global Gallium Trichloride Revenue Market Share by Company (2020-2022)
- Table 22. Global Gallium Trichloride Sale Price by Company (2020-2022) & (US\$/Ton)
- Table 23. Key Manufacturers Gallium Trichloride Producing Area Distribution and Sales Area
- Table 24. Players Gallium Trichloride Products Offered
- Table 25. Gallium Trichloride Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)
- Table 26. New Products and Potential Entrants
- Table 27. Mergers & Acquisitions, Expansion
- Table 28. Global Gallium Trichloride Sales by Geographic Region (2017-2022) & (Tons)
- Table 29. Global Gallium Trichloride Sales Market Share Geographic Region (2017-2022)
- Table 30. Global Gallium Trichloride Revenue by Geographic Region (2017-2022) & (\$ millions)

Table 31. Global Gallium Trichloride Revenue Market Share by Geographic Region (2017-2022)

Table 32. Global Gallium Trichloride Sales by Country/Region (2017-2022) & (Tons)

Table 33. Global Gallium Trichloride Sales Market Share by Country/Region (2017-2022)

Table 34. Global Gallium Trichloride Revenue by Country/Region (2017-2022) & (\$ millions)

Table 35. Global Gallium Trichloride Revenue Market Share by Country/Region (2017-2022)

Table 36. Americas Gallium Trichloride Sales by Country (2017-2022) & (Tons)

Table 37. Americas Gallium Trichloride Sales Market Share by Country (2017-2022)

Table 38. Americas Gallium Trichloride Revenue by Country (2017-2022) & (\$ Millions)

Table 39. Americas Gallium Trichloride Revenue Market Share by Country (2017-2022)

Table 40. Americas Gallium Trichloride Sales by Type (2017-2022) & (Tons)

Table 41. Americas Gallium Trichloride Sales Market Share by Type (2017-2022)

Table 42. Americas Gallium Trichloride Sales by Application (2017-2022) & (Tons)

Table 43. Americas Gallium Trichloride Sales Market Share by Application (2017-2022)

Table 44. APAC Gallium Trichloride Sales by Region (2017-2022) & (Tons)

Table 45. APAC Gallium Trichloride Sales Market Share by Region (2017-2022)

Table 46. APAC Gallium Trichloride Revenue by Region (2017-2022) & (\$ Millions)

Table 47. APAC Gallium Trichloride Revenue Market Share by Region (2017-2022)

Table 48. APAC Gallium Trichloride Sales by Type (2017-2022) & (Tons)

Table 49. APAC Gallium Trichloride Sales Market Share by Type (2017-2022)

Table 50. APAC Gallium Trichloride Sales by Application (2017-2022) & (Tons)

Table 51. APAC Gallium Trichloride Sales Market Share by Application (2017-2022)

Table 52. Europe Gallium Trichloride Sales by Country (2017-2022) & (Tons)

Table 53. Europe Gallium Trichloride Sales Market Share by Country (2017-2022)

Table 54. Europe Gallium Trichloride Revenue by Country (2017-2022) & (\$ Millions)

Table 55. Europe Gallium Trichloride Revenue Market Share by Country (2017-2022)

Table 56. Europe Gallium Trichloride Sales by Type (2017-2022) & (Tons)

Table 57. Europe Gallium Trichloride Sales Market Share by Type (2017-2022)

Table 58. Europe Gallium Trichloride Sales by Application (2017-2022) & (Tons)

Table 59. Europe Gallium Trichloride Sales Market Share by Application (2017-2022)

Table 60. Middle East & Africa Gallium Trichloride Sales by Country (2017-2022) & (Tons)

Table 61. Middle East & Africa Gallium Trichloride Sales Market Share by Country (2017-2022)

Table 62. Middle East & Africa Gallium Trichloride Revenue by Country (2017-2022) & (\$ Millions)

Table 63. Middle East & Africa Gallium Trichloride Revenue Market Share by Country (2017-2022)

Table 64. Middle East & Africa Gallium Trichloride Sales by Type (2017-2022) & (Tons)

Table 65. Middle East & Africa Gallium Trichloride Sales Market Share by Type (2017-2022)

Table 66. Middle East & Africa Gallium Trichloride Sales by Application (2017-2022) & (Tons)

Table 67. Middle East & Africa Gallium Trichloride Sales Market Share by Application (2017-2022)

Table 68. Key Market Drivers & Growth Opportunities of Gallium Trichloride

Table 69. Key Market Challenges & Risks of Gallium Trichloride

Table 70. Key Industry Trends of Gallium Trichloride

Table 71. Gallium Trichloride Raw Material

Table 72. Key Suppliers of Raw Materials

Table 73. Gallium Trichloride Distributors List

Table 74. Gallium Trichloride Customer List

Table 75. Global Gallium Trichloride Sales Forecast by Region (2023-2028) & (Tons)

Table 76. Global Gallium Trichloride Sales Market Forecast by Region

Table 77. Global Gallium Trichloride Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 78. Global Gallium Trichloride Revenue Market Share Forecast by Region (2023-2028)

Table 79. Americas Gallium Trichloride Sales Forecast by Country (2023-2028) & (Tons)

Table 80. Americas Gallium Trichloride Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 81. APAC Gallium Trichloride Sales Forecast by Region (2023-2028) & (Tons)

Table 82. APAC Gallium Trichloride Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 83. Europe Gallium Trichloride Sales Forecast by Country (2023-2028) & (Tons)

Table 84. Europe Gallium Trichloride Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 85. Middle East & Africa Gallium Trichloride Sales Forecast by Country (2023-2028) & (Tons)

Table 86. Middle East & Africa Gallium Trichloride Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 87. Global Gallium Trichloride Sales Forecast by Type (2023-2028) & (Tons)

Table 88. Global Gallium Trichloride Sales Market Share Forecast by Type (2023-2028)

Table 89. Global Gallium Trichloride Revenue Forecast by Type (2023-2028) & (\$

Millions)

Table 90. Global Gallium Trichloride Revenue Market Share Forecast by Type (2023-2028)

Table 91. Global Gallium Trichloride Sales Forecast by Application (2023-2028) & (Tons)

Table 92. Global Gallium Trichloride Sales Market Share Forecast by Application (2023-2028)

Table 93. Global Gallium Trichloride Revenue Forecast by Application (2023-2028) & (\$ Millions)

Table 94. Global Gallium Trichloride Revenue Market Share Forecast by Application (2023-2028)

Table 95. Indium Corporation Basic Information, Gallium Trichloride Manufacturing Base, Sales Area and Its Competitors

Table 96. Indium Corporation Gallium Trichloride Product Offered

Table 97. Indium Corporation Gallium Trichloride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 98. Indium Corporation Main Business

Table 99. Indium Corporation Latest Developments

Table 100. Ereztech Basic Information, Gallium Trichloride Manufacturing Base, Sales Area and Its Competitors

Table 101. Ereztech Gallium Trichloride Product Offered

Table 102. Ereztech Gallium Trichloride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 103. Ereztech Main Business

Table 104. Ereztech Latest Developments

Table 105. Actylis Basic Information, Gallium Trichloride Manufacturing Base, Sales Area and Its Competitors

Table 106. Actylis Gallium Trichloride Product Offered

Table 107. Actylis Gallium Trichloride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 108. Actylis Main Business

Table 109. Actylis Latest Developments

Table 110. Dalian F.T.Z CREDIT Chemical Technology Development Basic Information, Gallium Trichloride Manufacturing Base, Sales Area and Its Competitors

Table 111. Dalian F.T.Z CREDIT Chemical Technology Development Gallium Trichloride Product Offered

Table 112. Dalian F.T.Z CREDIT Chemical Technology Development Gallium Trichloride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 113. Dalian F.T.Z CREDIT Chemical Technology Development Main Business

Table 114. Dalian F.T.Z CREDIT Chemical Technology Development Latest Developments

Table 115. Vital Advanced Materials Basic Information, Gallium Trichloride Manufacturing Base, Sales Area and Its Competitors

Table 116. Vital Advanced Materials Gallium Trichloride Product Offered

Table 117. Vital Advanced Materials Gallium Trichloride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 118. Vital Advanced Materials Main Business

Table 119. Vital Advanced Materials Latest Developments

Table 120. KRD Materials Basic Information, Gallium Trichloride Manufacturing Base, Sales Area and Its Competitors

Table 121. KRD Materials Gallium Trichloride Product Offered

Table 122. KRD Materials Gallium Trichloride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 123. KRD Materials Main Business

Table 124. KRD Materials Latest Developments

Table 125. Juxin New Material Basic Information, Gallium Trichloride Manufacturing Base, Sales Area and Its Competitors

Table 126. Juxin New Material Gallium Trichloride Product Offered

Table 127. Juxin New Material Gallium Trichloride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 128. Juxin New Material Main Business

Table 129. Juxin New Material Latest Developments

Table 130. XI'AN FUNCTION MATERIAL GROUP Basic Information, Gallium Trichloride Manufacturing Base, Sales Area and Its Competitors

Table 131. XI'AN FUNCTION MATERIAL GROUP Gallium Trichloride Product Offered

Table 132. XI'AN FUNCTION MATERIAL GROUP Gallium Trichloride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 133. XI'AN FUNCTION MATERIAL GROUP Main Business

Table 134. XI'AN FUNCTION MATERIAL GROUP Latest Developments

Table 135. Hangzhou Kaiyada Semiconductor Materials Basic Information, Gallium Trichloride Manufacturing Base, Sales Area and Its Competitors

Table 136. Hangzhou Kaiyada Semiconductor Materials Gallium Trichloride Product Offered

Table 137. Hangzhou Kaiyada Semiconductor Materials Gallium Trichloride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 138. Hangzhou Kaiyada Semiconductor Materials Main Business

Table 139. Hangzhou Kaiyada Semiconductor Materials Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Gallium Trichloride
- Figure 2. Gallium Trichloride Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Gallium Trichloride Sales Growth Rate 2017-2028 (Tons)
- Figure 7. Global Gallium Trichloride Revenue Growth Rate 2017-2028 (\$ Millions)
- Figure 8. Gallium Trichloride Sales by Region (2021 & 2028) & (\$ millions)
- Figure 9. Product Picture of Purity 2N
- Figure 10. Product Picture of Purity 3N
- Figure 11. Product Picture of Purity 4N
- Figure 12. Product Picture of Purity 5N
- Figure 13. Product Picture of Others
- Figure 14. Global Gallium Trichloride Sales Market Share by Type in 2021
- Figure 15. Global Gallium Trichloride Revenue Market Share by Type (2017-2022)
- Figure 16. Gallium Trichloride Consumed in Semiconductor
- Figure 17. Global Gallium Trichloride Market: Semiconductor (2017-2022) & (Tons)
- Figure 18. Gallium Trichloride Consumed in Lithium Battery
- Figure 19. Global Gallium Trichloride Market: Lithium Battery (2017-2022) & (Tons)
- Figure 20. Gallium Trichloride Consumed in Organic Synthesis
- Figure 21. Global Gallium Trichloride Market: Organic Synthesis (2017-2022) & (Tons)
- Figure 22. Gallium Trichloride Consumed in Electronics Industry
- Figure 23. Global Gallium Trichloride Market: Electronics Industry (2017-2022) & (Tons)
- Figure 24. Gallium Trichloride Consumed in Catalyzer
- Figure 25. Global Gallium Trichloride Market: Catalyzer (2017-2022) & (Tons)
- Figure 26. Gallium Trichloride Consumed in Others
- Figure 27. Global Gallium Trichloride Market: Others (2017-2022) & (Tons)
- Figure 28. Global Gallium Trichloride Sales Market Share by Application (2017-2022)
- Figure 29. Global Gallium Trichloride Revenue Market Share by Application in 2021
- Figure 30. Gallium Trichloride Revenue Market by Company in 2021 (\$ Million)
- Figure 31. Global Gallium Trichloride Revenue Market Share by Company in 2021
- Figure 32. Global Gallium Trichloride Sales Market Share by Geographic Region (2017-2022)
- Figure 33. Global Gallium Trichloride Revenue Market Share by Geographic Region in 2021

- Figure 34. Global Gallium Trichloride Sales Market Share by Region (2017-2022)
- Figure 35. Global Gallium Trichloride Revenue Market Share by Country/Region in 2021
- Figure 36. Americas Gallium Trichloride Sales 2017-2022 (Tons)
- Figure 37. Americas Gallium Trichloride Revenue 2017-2022 (\$ Millions)
- Figure 38. APAC Gallium Trichloride Sales 2017-2022 (Tons)
- Figure 39. APAC Gallium Trichloride Revenue 2017-2022 (\$ Millions)
- Figure 40. Europe Gallium Trichloride Sales 2017-2022 (Tons)
- Figure 41. Europe Gallium Trichloride Revenue 2017-2022 (\$ Millions)
- Figure 42. Middle East & Africa Gallium Trichloride Sales 2017-2022 (Tons)
- Figure 43. Middle East & Africa Gallium Trichloride Revenue 2017-2022 (\$ Millions)
- Figure 44. Americas Gallium Trichloride Sales Market Share by Country in 2021
- Figure 45. Americas Gallium Trichloride Revenue Market Share by Country in 2021
- Figure 46. United States Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 47. Canada Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 48. Mexico Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 49. Brazil Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 50. APAC Gallium Trichloride Sales Market Share by Region in 2021
- Figure 51. APAC Gallium Trichloride Revenue Market Share by Regions in 2021
- Figure 52. China Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 53. Japan Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 54. South Korea Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 55. Southeast Asia Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 56. India Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 57. Australia Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 58. Europe Gallium Trichloride Sales Market Share by Country in 2021
- Figure 59. Europe Gallium Trichloride Revenue Market Share by Country in 2021
- Figure 60. Germany Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 61. France Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 62. UK Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 63. Italy Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 64. Russia Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 65. Middle East & Africa Gallium Trichloride Sales Market Share by Country in 2021
- Figure 66. Middle East & Africa Gallium Trichloride Revenue Market Share by Country in 2021
- Figure 67. Egypt Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 68. South Africa Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 69. Israel Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)
- Figure 70. Turkey Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)

Figure 71. GCC Country Gallium Trichloride Revenue Growth 2017-2022 (\$ Millions)

Figure 72. Manufacturing Cost Structure Analysis of Gallium Trichloride in 2021

Figure 73. Manufacturing Process Analysis of Gallium Trichloride

Figure 74. Industry Chain Structure of Gallium Trichloride

Figure 75. Channels of Distribution

Figure 76. Distributors Profiles

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