

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

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

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

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

Global key High Purity Gallium Trichloride players cover Indium Corporation, Ereztech, Dalian F.T.Z CREDIT Chemical Technology Development, Vital Advanced Materials and KRD 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 High Purity 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 High Purity Gallium Trichloride market, with both quantitative and qualitative data, to help readers understand how the High Purity 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 High Purity Gallium Trichloride market and forecasts the market size by Type (Purity 4N, Purity 5N and Others), by Application (Semiconductor, Lithium Battery, Electronics Industry and Catalyzer), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Purity 4N

Purity 5N

Others

Segmentation by application

Semiconductor

Lithium Battery

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

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 High Purity Gallium Trichloride, Research Methodology, etc.

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

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

Chapter 4: Global High Purity 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 High Purity 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, 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

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