

Global Mercury Market Outlook to 2027

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Abstracts

A d-block element, a poor heat, and a fair electricity conductor were formerly called hydrargyrum, the only liquid at standard temperature and pressure possessing atomic mass 80. According to BlueQuark Research & Consulting, the global Mercury market is expected to witness a significant growth rate during the forecasted period. Factors like surging usage of Mercury in the Medical Industry as amalgam in the dental fillings, in the machinery of essential medical equipment like thermometers, sphygmomanometers, etc., and the medical-grade tanning lamps are estimated to drive the global Mercury market. Further, with the uplift of the Automotive sector, the inclined demand of Mercury in the Anti-Lock Braking Systems, light switches, the Active Ride Control Systems, and in the discharge systems as headlights, tails, etc is projected to drive the global Mercury market. In addition to this, the Electronics segment providing machines like chest freezers, clothes washers, space heaters, laptops, television, etc, consisting of Mercury as an integral component, is expected to drive the global Mercury market. However, Mercury poisoning, adverse effects on people working in the proximity of the element, tedious recycling, and stringent government regulations are expected to hinder the future market growth of Mercury.

Mercury acts as an antiseptic and is present in certain First aid ointments, dental amalgams for fillings, and it acts as a reactant in the production process of chemicals like Caustic soda and Chlorine, both of which are used in bulk in different industries, automotive industry caters safe driving by introducing Mercury in its security systems, fluorescent lamps containing Mercury in their vapor tubes are used to guide people on the roads and in leveling devices used for the construction.

Medical Industry heavily relies on Mercury and is subjected to drive the global Mercury market. Continuously inclining need to maintain the existing healthcare amenities and update it has promoted flourishing in the sector; this market is bound to climb up globally. It is a raw material in products ranging from medication to instruments used for

diagnosis and curing. According to Pfizer, in the second quarter of 2021, its revenue was USD 19 Billion and witnessed an 86% operational surge. Its revenues escalated 10% operational and reached USD 11.1 Billion. Multiple off-the-shelf products like antiseptics, stimulant laxatives, diaper-rash creams, nasal spray, etc, used by the common folk frequently constitute a sufficient amount of Mercury. Instruments like thermometers that can measure high temperatures are used not only used in the initial diagnosis, but in the latter as well in the laboratories similarly, barometers and sphygmomanometers possess Mercury and are contributing as an invaluable asset in modern medicine. Covid -19 pandemic emphasized the significance of vaccines, and Mercury acts as a preservative for storing them. Hence, all these factors establish Mercury as one of the runners of this sector, driving the Global Mercury market.

Some of the market's key players are Sigma Aldrich, Acton Technologies, ACI Alloys, Mayasa, NaOH Technologies, Wake Group, Powder Pack Chem, among others.

The Asia Pacific region is poised to be the leader in the production and the subsequent consumption of Mercury, with most of the consumption in countries like China and India. China Boasts the World's most prominent production mine and reserve of Mercury, which is also used to manufacture coal-based monomers like Vinyl chloride. Artisanal Small-Scale Gold Mining (AGSM) its roots spread across many nations all over Asia mercury is an essential element in the extraction process. The origin of Dental amalgams dates back to the A.D in the Asia -Pacific Region, which includes Mercury with alloy. Cinnabar, a mercury ore, is used in Ancient Traditional Medicine. The Personal Care products like soap and Creams have a vast manufacturing base in the area and the demand in the local market in the region. Mercury Switches are an important segment of the Automobile and Electronics Industry batteries. The region has large home appliances manufacturers who use Mercury in the fundamentals, the building blocks of the whole device. Factors like these have made Asia-Pacific an essential region for growth in the Mercury market.

In February 2021, Sonic Energy created solid Mercury using Sonochemistry to create solid nanoparticles.

In May 2020, Hicks Thermometers started supplying thermometers to the Government of India with the rising demand due to the COVID-19.

Global Mercury Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Industrial Mercury by segmenting based on the product (Alloy, Metal, Compound),

Application (Measuring and Controlling Devices, Electrical Switches, Personal Care, Paints, Others), End-User Industry (Automotive, Electronics, Medical Industry, Mining, Others) and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

Contents

1. Executive Summary

2. Research Scope and Methodology

- 2.1 Aim & Objective of the study
- 2.2 Market Definition
- 2.3 Study Information
- 2.4 General Study Assumptions
- 2.5 Research Phases

3. Market Analysis

- 3.1 Introduction
- 3.2 Market Dynamics
 - 3.2.1 Drivers
 - 3.2.2 Restraints
- 3.3 Market Trends & Developments
- 3.4 Market Opportunities
- 3.5 Regulatory Policies
- 3.6 Analysis of Covid-19 Impact

4. Industry Analysis

- 4.1 Supply Chain Analysis
- 4.2 Porter's Five Forces Analysis
 - 4.2.1 Competition in the Industry
 - 4.2.2 Potential of New Entrants into the Industry
 - 4.2.3 Bargaining Power of Suppliers
 - 4.2.4 Bargaining Power of Consumers
 - 4.2.5 Threat of substitute products

5. Market Segmentation & Forecast

- 5.1 By Product
 - 5.1.1 Metal
 - 5.1.2 Alloy
 - 5.1.3 Compound
- 5.2 By Applications
 - 5.2.1 Measuring and

Controlling Devices

5.2.2 Electrical

Switches

5.2.3 Personal Care

5.2.4 Fluorescent

Lamps

5.2.5 Paints

5.2.6 Others

5.3 By End-User Industry

5.3.1 Medical Industry

5.3.2 Automotive

5.3.3 Electronics

5.3.4 Mining

5.3.5 Others

Regional Market Analysis

6.1 North America

6.1.1 United State

6.1.2 Canada

6.1.3 Mexico

6.2 Europe

6.2.1 United Kingdom

6.2.2 Germany

6.2.3

Italy

6.2.4

France

6.2.5 Spain

6.2.6

Rest of Europe

6.3 South America

6.3.1 Brazil

6.3.2 Argentina

6.3.3 Rest of South America

6.4 Asia-Pacific

- 6.4.1 China
- 6.4.2 India
- 6.4.3 Japan
- 6.4.4 South Korea
- 6.4.5 Rest of Asia-Pacific
- 6.5 Middle East & Africa
 - 6.5.1 Saudi Arabia
 - 6.5.2 South Africa
 - 6.5.3 Rest of Middle East & Africa

Company Profiles

Ge Group
Order Pack

ett

s

milnadu

ing Instruments

asa

ia

ndustrial Co., Ltd

ares

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l Alloys

ton Technologies

gma Aldrich

AH Technologies

Companies is not exhaustive

Competitive Landscape

of Notable Players in

et

A, JV, and Agreement

ket Share Analysis

ategies of Key Players

Conclusions and Recommendations

List of Tables & Figures

Abbreviations

Additional

otes

Disclaimer

List Of Tables

LIST OF TABLES

Global Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

North America Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

United States Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Canada Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Mexico Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Europe Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Other Supporting Charts

United Kingdom Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Germany Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Italy Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

France Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Spain Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Rest of Europe Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

South America Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Brazil Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Argentina Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Rest of South America Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

Asia-Pacific Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton), 2017-2027

China Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

India Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

Japan Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

South Korea Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo
ton), 2017-2027

ASEAN Countries Mercury Market Size, Market Growth & Market Forecast Volume(in
Kilo ton), 2017-2027

Rest of Asia-Pacific Mercury Market Size, Market Growth & Market Forecast Volume(in
Kilo ton), 2017-2027

Middle East & Africa Mercury Market Size, Market Growth & Market Forecast Volume(in
Kilo ton), 2017-2027

Saudi Arabia Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo
ton), 2017-2027

South Africa Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo
ton), 2017-2027

Rest of Middle-East & Africa Mercury Market Size, Market Growth & Market Forecast
Volume(in Kilo ton), 2017-2027

Medical Industry - Mercury Market Size, Market Growth & Market Forecast Volume(in
Kilo ton), 2017-2027

Automotive - Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo
ton), 2017-2027

Electronics - Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo
ton), 2017-2027

Mining - Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

Others - Mercury Market Size, Market Growth & Market Forecast Volume(in Kilo ton),
2017-2027

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