

Antimony Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global antimony market size reached US\$ 2.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.0 Billion by 2028, exhibiting a growth rate (CAGR) of 7.63% during 2023-2028.

Antimony refers to a lustrous grey chemical element that exists in both metallic and non-metallic forms. The metallic form is hard, brittle and bright silvery-bluish in color, whereas the non-metallic form is available in the form of greyish powder. It is extracted from ores, such as stibnite and valentinite, and is considered to be a stable element in dry air and static to alkalis and acids. Antimony is also a poor conductor of heat and electricity, owing to which it is commonly used in the manufacturing of semiconductor devices, including infrared detectors and diodes, batteries, low friction metals, flame-proofing materials, ceramic enamels and paints.

The global market for antimony is being primarily driven by the increasing demand for antimony trioxide (ATO) for manufacturing flame retardants and plastic additives. ATO is an inorganic element that is widely used with halogenated compounds to create a synergistic effect with flame retardant properties. Rising product adoption for the production of lead-acid batteries, solders, pipes, castings and bearings for transistors, which form a crucial part of various consumer electronics, such as computers, calculators, portable stereos and gaming devices, is also providing a boost to the market growth. Additionally, the rising demand for antimony-based fiberglass composites with chemical and heat-resistant properties is also creating a positive impact on the market growth. Other factors, including rapid industrialization and increasing demand for polyethylene terephthalate (PET) packaging that is manufactured

using antimony as a key ingredient, are projected to drive the market in the upcoming years.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global antimony market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type, application and end-use industry.

Breakup by Product Type:

- Antimony Trioxide
- Antimony Pentoxide
- Alloys
- Metal Ingots
- Others

Breakup by Application:

- Flame Retardants
- Lead-Acid Batteries
- Plastic Additives
- Stabilizers
- Catalysts
- Glass and Ceramics
- Others

Breakup by End-Use Industry:

- Chemical
- Automotive
- Electrical and Electronics
- Others

Breakup by Region:

- North America
- United States
- Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being AMG Advanced Metallurgical Group, BASF SE, Campine, Huachang Antimony Industry, Hunan Chenzhou Mining Group Co. Ltd., Korea Zinc Co. Ltd, Lambert Metals International, Mandalay Resources Ltd, Nihon Seiko Co., Ltd., NYACOL Nano Technologies, Inc., Recylex, Suzuhiro Chemical, Tri-Star Resources, United States Antimony, Village Main Reef Ltd., Yunnan Muli Antimony Industry Co. Ltd., etc.

Key Questions Answered in This Report

1. What was the size of the global antimony market in 2022?
2. What is the expected growth rate of the global antimony market during 2023-2028?
3. What are the key factors driving the global antimony market?
4. What has been the impact of COVID-19 on the global antimony market?
5. What is the breakup of the global antimony market based on the product type?
6. What is the breakup of the global antimony market based on the application?
7. What are the key regions in the global antimony market?

8. Who are the key players/companies in the global antimony market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

2.1 Objectives of the Study

2.2 Stakeholders

2.3 Data Sources

2.3.1 Primary Sources

2.3.2 Secondary Sources

2.4 Market Estimation

2.4.1 Bottom-Up Approach

2.4.2 Top-Down Approach

2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

4.1 Overview

4.2 Key Industry Trends

5 GLOBAL ANTIMONY MARKET

5.1 Market Overview

5.2 Market Performance

5.3 Impact of COVID-19

5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT TYPE

6.1 Antimony Trioxide

6.1.1 Market Trends

6.1.2 Market Forecast

6.2 Antimony Pentoxide

6.2.1 Market Trends

6.2.2 Market Forecast

6.3 Alloys

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Metal Ingots
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Others
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Flame Retardants
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Lead-Acid Batteries
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Plastic Additives
 - 7.3.1 Market Trends
 - 7.3.2 Major Types
 - 7.3.2.1 Stabilizers
 - 7.3.2.2 Catalysts
 - 7.3.3 Market Forecast
- 7.4 Glass and Ceramics
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY END USE INDUSTRY

- 8.1 Chemical
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Automotive
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Electrical and Electronics

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Others

8.4.1 Market Trends

8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

- 9.3.1.1 Market Trends
- 9.3.1.2 Market Forecast
- 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE INDICATORS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 AMG Advanced Metallurgical Group

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.2 BASF SE

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 Campine

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Huachang Antimony Industry

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.5 Hunan Chenzhou Mining Group Co. Ltd.

14.3.5.1 Company Overview

14.3.5.2 Product Portfolio

14.3.6 Korea Zinc Co. Ltd.

14.3.6.1 Company Overview

- 14.3.6.2 Product Portfolio
- 14.3.7 Lambert Metals International
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 Mandalay Resources Ltd.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Nihon Seiko Co. Ltd.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 NYACOL Nano Technologies Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 Recylex
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Suzuhiro Chemical
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
- 14.3.13 Tri-Star Resources
 - 14.3.13.1 Company Overview
 - 14.3.13.2 Product Portfolio
- 14.3.14 United States Antimony
 - 14.3.14.1 Company Overview
 - 14.3.14.2 Product Portfolio
- 14.3.15 Village Main Reef Ltd
 - 14.3.15.1 Company Overview
 - 14.3.15.2 Product Portfolio
- 14.3.16 Yunnan Muli Antimony Industry Co. Ltd.
 - 14.3.16.1 Company Overview
 - 14.3.16.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Antimony Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Antimony Market Forecast: Breakup by Product Type (in Million US\$), 2023-2028

Table 3: Global: Antimony Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Antimony Market Forecast: Breakup by End-Use Industry (in Million US\$), 2023-2028

Table 5: Global: Antimony Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Antimony Market Structure

Table 7: Global: Antimony Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Antimony Market: Major Drivers and Challenges

Figure 2: Global: Antimony Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Antimony Market: Breakup by Product Type (in %), 2022

Figure 4: Global: Antimony Market: Breakup by Application (in %), 2022

Figure 5: Global: Antimony Market: Breakup by End-Use Industry (in %), 2022

Figure 6: Global: Antimony Market: Breakup by Region (in %), 2022

Figure 7: Global: Antimony Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 8: Global: Antimony (Antimony Trioxide) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Antimony (Antimony Trioxide) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Antimony (Antimony Pentoxide) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Antimony (Antimony Pentoxide) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Antimony (Alloys) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Antimony (Alloys) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Antimony (Metal Ingots) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Antimony (Metal Ingots) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Antimony (Other Product Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Antimony (Other Product Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Antimony (Flame Retardants) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Antimony (Flame Retardants) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Antimony (Lead-Acid Batteries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Antimony (Lead-Acid Batteries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Antimony (Plastic Additives) Market: Sales Value (in Million US\$),

2017 & 2022

Figure 23: Global: Antimony (Plastic Additives) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Antimony (Glass and Ceramics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Antimony (Glass and Ceramics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Antimony (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Antimony (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Antimony (Chemical) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Antimony (Chemical) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Antimony (Automotive) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Antimony (Automotive) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Antimony (Electrical and Electronics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Antimony (Electrical and Electronics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Antimony (Other End Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Antimony (Other End Industries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: North America: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: North America: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: United States: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: United States: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Canada: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Canada: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Asia Pacific: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Asia Pacific: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: China: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: China: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Japan: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Japan: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: India: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: India: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: South Korea: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: South Korea: Antimony Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 52: Australia: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Australia: Antimony Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 54: Indonesia: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Indonesia: Antimony Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 56: Others: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Others: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Europe: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Europe: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Germany: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Germany: Antimony Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 62: France: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: France: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: United Kingdom: Antimony Market: Sales Value (in Million US\$), 2017 &
2022

Figure 65: United Kingdom: Antimony Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 66: Italy: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Italy: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Spain: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Spain: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Russia: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Russia: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Others: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Others: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Latin America: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Latin America: Antimony Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 76: Brazil: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Brazil: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Mexico: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Mexico: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Others: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Others: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Middle East and Africa: Antimony Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Middle East and Africa: Antimony Market Breakup by Country (in %), 2022

Figure 84: Middle East and Africa: Antimony Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Global: Antimony Industry: SWOT Analysis

Figure 86: Global: Antimony Industry: Value Chain Analysis

Figure 87: Global: Antimony Industry: Porter's Five Forces Analysis

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