

# Global Nano Zinc Oxide Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Nano Zinc Oxide market size was valued at USD 366.3 million in 2023 and is forecast to a readjusted size of USD 544.9 million by 2030 with a CAGR of 5.8% during review period.

Nano zinc oxide is a specialized nanomaterial available in the form of powders or dispersions. It is also known as oxydatum, zinci oxicum, permanent white, ketozinc or oxozinc.

Nano zinc oxide refers to a form of zinc oxide that has been engineered to have particle sizes in the nanometer range. Zinc oxide is a white, powdery compound often used in a variety of applications, including pharmaceuticals, sunscreens, cosmetics, and rubber manufacturing.

Nano zinc oxide offers several advantages over traditional zinc oxide. Due to its small particle size, it has a larger surface area, which can enhance its chemical reactivity and effectiveness. It also exhibits improved optical properties, such as better transparency and UV absorption, making it suitable for use in sunscreens with higher sun protection factors.

Additionally, nano zinc oxide has antimicrobial properties, which make it useful in various medical and healthcare products. It can be incorporated into wound dressings, textiles, and coatings to inhibit the growth of bacteria and fungi.

The Global Info Research report includes an overview of the development of the Nano Zinc Oxide industry chain, the market status of Paints & Coatings (Pourable, Free

flowing powder), Cosmetics (Pourable, Free flowing powder), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Nano Zinc Oxide.

Regionally, the report analyzes the Nano Zinc Oxide markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Nano Zinc Oxide market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Nano Zinc Oxide market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Nano Zinc Oxide industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Pourable, Free flowing powder).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Nano Zinc Oxide market.

**Regional Analysis:** The report involves examining the Nano Zinc Oxide market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Nano Zinc Oxide market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Nano Zinc Oxide:

**Company Analysis:** Report covers individual Nano Zinc Oxide manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Nano Zinc Oxide. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Paints & Coatings, Cosmetics).

**Technology Analysis:** Report covers specific technologies relevant to Nano Zinc Oxide. It assesses the current state, advancements, and potential future developments in Nano Zinc Oxide areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Nano Zinc Oxide market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Nano Zinc Oxide market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Pourable

Free flowing powder

### Market segment by Application

Paints & Coatings

Cosmetics

Household products

Food contact materials

Medical dressings

Textiles

Electronics

Others

#### Major players covered

Advanced Nano Technologies

US Research Nanomaterials

Elementis Specialties

Grillo Zinkoxid GmbH

Hakusuitech

Nanophase Technology

Sigma-Aldrich

Micronisers

Umicore

Weifang Longda Zinc Industry

American Elements

Nano Labs

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Nano Zinc Oxide product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Nano Zinc Oxide, with price, sales, revenue and global market share of Nano Zinc Oxide from 2019 to 2024.

Chapter 3, the Nano Zinc Oxide competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Nano Zinc Oxide breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Nano Zinc Oxide market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Nano Zinc Oxide.

Chapter 14 and 15, to describe Nano Zinc Oxide sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Nano Zinc Oxide
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Nano Zinc Oxide Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 Pourable
  - 1.3.3 Free flowing powder
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Nano Zinc Oxide Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Paints & Coatings
  - 1.4.3 Cosmetics
  - 1.4.4 Household products
  - 1.4.5 Food contact materials
  - 1.4.6 Medical dressings
  - 1.4.7 Textiles
  - 1.4.8 Electronics
  - 1.4.9 Others
- 1.5 Global Nano Zinc Oxide Market Size & Forecast
  - 1.5.1 Global Nano Zinc Oxide Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Nano Zinc Oxide Sales Quantity (2019-2030)
  - 1.5.3 Global Nano Zinc Oxide Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 Advanced Nano Technologies
  - 2.1.1 Advanced Nano Technologies Details
  - 2.1.2 Advanced Nano Technologies Major Business
  - 2.1.3 Advanced Nano Technologies Nano Zinc Oxide Product and Services
  - 2.1.4 Advanced Nano Technologies Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 Advanced Nano Technologies Recent Developments/Updates
- 2.2 US Research Nanomaterials
  - 2.2.1 US Research Nanomaterials Details
  - 2.2.2 US Research Nanomaterials Major Business

- 2.2.3 US Research Nanomaterials Nano Zinc Oxide Product and Services
- 2.2.4 US Research Nanomaterials Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 US Research Nanomaterials Recent Developments/Updates
- 2.3 Elementis Specialties
  - 2.3.1 Elementis Specialties Details
  - 2.3.2 Elementis Specialties Major Business
  - 2.3.3 Elementis Specialties Nano Zinc Oxide Product and Services
  - 2.3.4 Elementis Specialties Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.3.5 Elementis Specialties Recent Developments/Updates
- 2.4 Grillo Zinkoxid GmbH
  - 2.4.1 Grillo Zinkoxid GmbH Details
  - 2.4.2 Grillo Zinkoxid GmbH Major Business
  - 2.4.3 Grillo Zinkoxid GmbH Nano Zinc Oxide Product and Services
  - 2.4.4 Grillo Zinkoxid GmbH Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 Grillo Zinkoxid GmbH Recent Developments/Updates
- 2.5 HakuSuitech
  - 2.5.1 HakuSuitech Details
  - 2.5.2 HakuSuitech Major Business
  - 2.5.3 HakuSuitech Nano Zinc Oxide Product and Services
  - 2.5.4 HakuSuitech Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 HakuSuitech Recent Developments/Updates
- 2.6 Nanophase Technology
  - 2.6.1 Nanophase Technology Details
  - 2.6.2 Nanophase Technology Major Business
  - 2.6.3 Nanophase Technology Nano Zinc Oxide Product and Services
  - 2.6.4 Nanophase Technology Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 Nanophase Technology Recent Developments/Updates
- 2.7 Sigma-Aldrich
  - 2.7.1 Sigma-Aldrich Details
  - 2.7.2 Sigma-Aldrich Major Business
  - 2.7.3 Sigma-Aldrich Nano Zinc Oxide Product and Services
  - 2.7.4 Sigma-Aldrich Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.7.5 Sigma-Aldrich Recent Developments/Updates



## 2.8 Micronisers

### 2.8.1 Micronisers Details

### 2.8.2 Micronisers Major Business

### 2.8.3 Micronisers Nano Zinc Oxide Product and Services

### 2.8.4 Micronisers Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.8.5 Micronisers Recent Developments/Updates

## 2.9 Umicore

### 2.9.1 Umicore Details

### 2.9.2 Umicore Major Business

### 2.9.3 Umicore Nano Zinc Oxide Product and Services

### 2.9.4 Umicore Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.9.5 Umicore Recent Developments/Updates

## 2.10 Weifang Longda Zinc Industry

### 2.10.1 Weifang Longda Zinc Industry Details

### 2.10.2 Weifang Longda Zinc Industry Major Business

### 2.10.3 Weifang Longda Zinc Industry Nano Zinc Oxide Product and Services

### 2.10.4 Weifang Longda Zinc Industry Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.10.5 Weifang Longda Zinc Industry Recent Developments/Updates

## 2.11 American Elements

### 2.11.1 American Elements Details

### 2.11.2 American Elements Major Business

### 2.11.3 American Elements Nano Zinc Oxide Product and Services

### 2.11.4 American Elements Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.11.5 American Elements Recent Developments/Updates

## 2.12 Nano Labs

### 2.12.1 Nano Labs Details

### 2.12.2 Nano Labs Major Business

### 2.12.3 Nano Labs Nano Zinc Oxide Product and Services

### 2.12.4 Nano Labs Nano Zinc Oxide Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.12.5 Nano Labs Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: NANO ZINC OXIDE BY MANUFACTURER**

### 3.1 Global Nano Zinc Oxide Sales Quantity by Manufacturer (2019-2024)

- 3.2 Global Nano Zinc Oxide Revenue by Manufacturer (2019-2024)
- 3.3 Global Nano Zinc Oxide Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
  - 3.4.1 Producer Shipments of Nano Zinc Oxide by Manufacturer Revenue (\$MM) and Market Share (%): 2023
  - 3.4.2 Top 3 Nano Zinc Oxide Manufacturer Market Share in 2023
  - 3.4.2 Top 6 Nano Zinc Oxide Manufacturer Market Share in 2023
- 3.5 Nano Zinc Oxide Market: Overall Company Footprint Analysis
  - 3.5.1 Nano Zinc Oxide Market: Region Footprint
  - 3.5.2 Nano Zinc Oxide Market: Company Product Type Footprint
  - 3.5.3 Nano Zinc Oxide Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Nano Zinc Oxide Market Size by Region
  - 4.1.1 Global Nano Zinc Oxide Sales Quantity by Region (2019-2030)
  - 4.1.2 Global Nano Zinc Oxide Consumption Value by Region (2019-2030)
  - 4.1.3 Global Nano Zinc Oxide Average Price by Region (2019-2030)
- 4.2 North America Nano Zinc Oxide Consumption Value (2019-2030)
- 4.3 Europe Nano Zinc Oxide Consumption Value (2019-2030)
- 4.4 Asia-Pacific Nano Zinc Oxide Consumption Value (2019-2030)
- 4.5 South America Nano Zinc Oxide Consumption Value (2019-2030)
- 4.6 Middle East and Africa Nano Zinc Oxide Consumption Value (2019-2030)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Nano Zinc Oxide Sales Quantity by Type (2019-2030)
- 5.2 Global Nano Zinc Oxide Consumption Value by Type (2019-2030)
- 5.3 Global Nano Zinc Oxide Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Nano Zinc Oxide Sales Quantity by Application (2019-2030)
- 6.2 Global Nano Zinc Oxide Consumption Value by Application (2019-2030)
- 6.3 Global Nano Zinc Oxide Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America Nano Zinc Oxide Sales Quantity by Type (2019-2030)
- 7.2 North America Nano Zinc Oxide Sales Quantity by Application (2019-2030)
- 7.3 North America Nano Zinc Oxide Market Size by Country
  - 7.3.1 North America Nano Zinc Oxide Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Nano Zinc Oxide Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe Nano Zinc Oxide Sales Quantity by Type (2019-2030)
- 8.2 Europe Nano Zinc Oxide Sales Quantity by Application (2019-2030)
- 8.3 Europe Nano Zinc Oxide Market Size by Country
  - 8.3.1 Europe Nano Zinc Oxide Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe Nano Zinc Oxide Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)
  - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
  - 8.3.6 Russia Market Size and Forecast (2019-2030)
  - 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Nano Zinc Oxide Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Nano Zinc Oxide Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Nano Zinc Oxide Market Size by Region
  - 9.3.1 Asia-Pacific Nano Zinc Oxide Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific Nano Zinc Oxide Consumption Value by Region (2019-2030)
  - 9.3.3 China Market Size and Forecast (2019-2030)
  - 9.3.4 Japan Market Size and Forecast (2019-2030)
  - 9.3.5 Korea Market Size and Forecast (2019-2030)
  - 9.3.6 India Market Size and Forecast (2019-2030)
  - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
  - 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

- 10.1 South America Nano Zinc Oxide Sales Quantity by Type (2019-2030)
- 10.2 South America Nano Zinc Oxide Sales Quantity by Application (2019-2030)
- 10.3 South America Nano Zinc Oxide Market Size by Country
  - 10.3.1 South America Nano Zinc Oxide Sales Quantity by Country (2019-2030)
  - 10.3.2 South America Nano Zinc Oxide Consumption Value by Country (2019-2030)
  - 10.3.3 Brazil Market Size and Forecast (2019-2030)
  - 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Nano Zinc Oxide Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Nano Zinc Oxide Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Nano Zinc Oxide Market Size by Country
  - 11.3.1 Middle East & Africa Nano Zinc Oxide Sales Quantity by Country (2019-2030)
  - 11.3.2 Middle East & Africa Nano Zinc Oxide Consumption Value by Country (2019-2030)
  - 11.3.3 Turkey Market Size and Forecast (2019-2030)
  - 11.3.4 Egypt Market Size and Forecast (2019-2030)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
  - 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 Nano Zinc Oxide Market Drivers
- 12.2 Nano Zinc Oxide Market Restraints
- 12.3 Nano Zinc Oxide Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Nano Zinc Oxide and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Nano Zinc Oxide
- 13.3 Nano Zinc Oxide Production Process
- 13.4 Nano Zinc Oxide Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

### 14.1 Sales Channel

#### 14.1.1 Direct to End-User

#### 14.1.2 Distributors

### 14.2 Nano Zinc Oxide Typical Distributors

### 14.3 Nano Zinc Oxide Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

### 16.1 Methodology

### 16.2 Research Process and Data Source

### 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Nano Zinc Oxide Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Nano Zinc Oxide Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Advanced Nano Technologies Basic Information, Manufacturing Base and Competitors

Table 4. Advanced Nano Technologies Major Business

Table 5. Advanced Nano Technologies Nano Zinc Oxide Product and Services

Table 6. Advanced Nano Technologies Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Advanced Nano Technologies Recent Developments/Updates

Table 8. US Research Nanomaterials Basic Information, Manufacturing Base and Competitors

Table 9. US Research Nanomaterials Major Business

Table 10. US Research Nanomaterials Nano Zinc Oxide Product and Services

Table 11. US Research Nanomaterials Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. US Research Nanomaterials Recent Developments/Updates

Table 13. Elementis Specialties Basic Information, Manufacturing Base and Competitors

Table 14. Elementis Specialties Major Business

Table 15. Elementis Specialties Nano Zinc Oxide Product and Services

Table 16. Elementis Specialties Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Elementis Specialties Recent Developments/Updates

Table 18. Grillo Zinkoxid GmbH Basic Information, Manufacturing Base and Competitors

Table 19. Grillo Zinkoxid GmbH Major Business

Table 20. Grillo Zinkoxid GmbH Nano Zinc Oxide Product and Services

Table 21. Grillo Zinkoxid GmbH Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Grillo Zinkoxid GmbH Recent Developments/Updates

Table 23. Hakusuitech Basic Information, Manufacturing Base and Competitors

- Table 24. Hokusuitech Major Business
- Table 25. Hokusuitech Nano Zinc Oxide Product and Services
- Table 26. Hokusuitech Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 27. Hokusuitech Recent Developments/Updates
- Table 28. Nanophase Technology Basic Information, Manufacturing Base and Competitors
- Table 29. Nanophase Technology Major Business
- Table 30. Nanophase Technology Nano Zinc Oxide Product and Services
- Table 31. Nanophase Technology Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Nanophase Technology Recent Developments/Updates
- Table 33. Sigma-Aldrich Basic Information, Manufacturing Base and Competitors
- Table 34. Sigma-Aldrich Major Business
- Table 35. Sigma-Aldrich Nano Zinc Oxide Product and Services
- Table 36. Sigma-Aldrich Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Sigma-Aldrich Recent Developments/Updates
- Table 38. Micronisers Basic Information, Manufacturing Base and Competitors
- Table 39. Micronisers Major Business
- Table 40. Micronisers Nano Zinc Oxide Product and Services
- Table 41. Micronisers Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Micronisers Recent Developments/Updates
- Table 43. Umicore Basic Information, Manufacturing Base and Competitors
- Table 44. Umicore Major Business
- Table 45. Umicore Nano Zinc Oxide Product and Services
- Table 46. Umicore Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Umicore Recent Developments/Updates
- Table 48. Weifang Longda Zinc Industry Basic Information, Manufacturing Base and Competitors
- Table 49. Weifang Longda Zinc Industry Major Business
- Table 50. Weifang Longda Zinc Industry Nano Zinc Oxide Product and Services
- Table 51. Weifang Longda Zinc Industry Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. Weifang Longda Zinc Industry Recent Developments/Updates
- Table 53. American Elements Basic Information, Manufacturing Base and Competitors

- Table 54. American Elements Major Business
- Table 55. American Elements Nano Zinc Oxide Product and Services
- Table 56. American Elements Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 57. American Elements Recent Developments/Updates
- Table 58. Nano Labs Basic Information, Manufacturing Base and Competitors
- Table 59. Nano Labs Major Business
- Table 60. Nano Labs Nano Zinc Oxide Product and Services
- Table 61. Nano Labs Nano Zinc Oxide Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 62. Nano Labs Recent Developments/Updates
- Table 63. Global Nano Zinc Oxide Sales Quantity by Manufacturer (2019-2024) & (K MT)
- Table 64. Global Nano Zinc Oxide Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 65. Global Nano Zinc Oxide Average Price by Manufacturer (2019-2024) & (USD/MT)
- Table 66. Market Position of Manufacturers in Nano Zinc Oxide, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 67. Head Office and Nano Zinc Oxide Production Site of Key Manufacturer
- Table 68. Nano Zinc Oxide Market: Company Product Type Footprint
- Table 69. Nano Zinc Oxide Market: Company Product Application Footprint
- Table 70. Nano Zinc Oxide New Market Entrants and Barriers to Market Entry
- Table 71. Nano Zinc Oxide Mergers, Acquisition, Agreements, and Collaborations
- Table 72. Global Nano Zinc Oxide Sales Quantity by Region (2019-2024) & (K MT)
- Table 73. Global Nano Zinc Oxide Sales Quantity by Region (2025-2030) & (K MT)
- Table 74. Global Nano Zinc Oxide Consumption Value by Region (2019-2024) & (USD Million)
- Table 75. Global Nano Zinc Oxide Consumption Value by Region (2025-2030) & (USD Million)
- Table 76. Global Nano Zinc Oxide Average Price by Region (2019-2024) & (USD/MT)
- Table 77. Global Nano Zinc Oxide Average Price by Region (2025-2030) & (USD/MT)
- Table 78. Global Nano Zinc Oxide Sales Quantity by Type (2019-2024) & (K MT)
- Table 79. Global Nano Zinc Oxide Sales Quantity by Type (2025-2030) & (K MT)
- Table 80. Global Nano Zinc Oxide Consumption Value by Type (2019-2024) & (USD Million)
- Table 81. Global Nano Zinc Oxide Consumption Value by Type (2025-2030) & (USD Million)
- Table 82. Global Nano Zinc Oxide Average Price by Type (2019-2024) & (USD/MT)



Table 83. Global Nano Zinc Oxide Average Price by Type (2025-2030) & (USD/MT)

Table 84. Global Nano Zinc Oxide Sales Quantity by Application (2019-2024) & (K MT)

Table 85. Global Nano Zinc Oxide Sales Quantity by Application (2025-2030) & (K MT)

Table 86. Global Nano Zinc Oxide Consumption Value by Application (2019-2024) & (USD Million)

Table 87. Global Nano Zinc Oxide Consumption Value by Application (2025-2030) & (USD Million)

Table 88. Global Nano Zinc Oxide Average Price by Application (2019-2024) & (USD/MT)

Table 89. Global Nano Zinc Oxide Average Price by Application (2025-2030) & (USD/MT)

Table 90. North America Nano Zinc Oxide Sales Quantity by Type (2019-2024) & (K MT)

Table 91. North America Nano Zinc Oxide Sales Quantity by Type (2025-2030) & (K MT)

Table 92. North America Nano Zinc Oxide Sales Quantity by Application (2019-2024) & (K MT)

Table 93. North America Nano Zinc Oxide Sales Quantity by Application (2025-2030) & (K MT)

Table 94. North America Nano Zinc Oxide Sales Quantity by Country (2019-2024) & (K MT)

Table 95. North America Nano Zinc Oxide Sales Quantity by Country (2025-2030) & (K MT)

Table 96. North America Nano Zinc Oxide Consumption Value by Country (2019-2024) & (USD Million)

Table 97. North America Nano Zinc Oxide Consumption Value by Country (2025-2030) & (USD Million)

Table 98. Europe Nano Zinc Oxide Sales Quantity by Type (2019-2024) & (K MT)

Table 99. Europe Nano Zinc Oxide Sales Quantity by Type (2025-2030) & (K MT)

Table 100. Europe Nano Zinc Oxide Sales Quantity by Application (2019-2024) & (K MT)

Table 101. Europe Nano Zinc Oxide Sales Quantity by Application (2025-2030) & (K MT)

Table 102. Europe Nano Zinc Oxide Sales Quantity by Country (2019-2024) & (K MT)

Table 103. Europe Nano Zinc Oxide Sales Quantity by Country (2025-2030) & (K MT)

Table 104. Europe Nano Zinc Oxide Consumption Value by Country (2019-2024) & (USD Million)

Table 105. Europe Nano Zinc Oxide Consumption Value by Country (2025-2030) & (USD Million)

Table 106. Asia-Pacific Nano Zinc Oxide Sales Quantity by Type (2019-2024) & (K MT)

Table 107. Asia-Pacific Nano Zinc Oxide Sales Quantity by Type (2025-2030) & (K MT)

Table 108. Asia-Pacific Nano Zinc Oxide Sales Quantity by Application (2019-2024) & (K MT)

Table 109. Asia-Pacific Nano Zinc Oxide Sales Quantity by Application (2025-2030) & (K MT)

Table 110. Asia-Pacific Nano Zinc Oxide Sales Quantity by Region (2019-2024) & (K MT)

Table 111. Asia-Pacific Nano Zinc Oxide Sales Quantity by Region (2025-2030) & (K MT)

Table 112. Asia-Pacific Nano Zinc Oxide Consumption Value by Region (2019-2024) & (USD Million)

Table 113. Asia-Pacific Nano Zinc Oxide Consumption Value by Region (2025-2030) & (USD Million)

Table 114. South America Nano Zinc Oxide Sales Quantity by Type (2019-2024) & (K MT)

Table 115. South America Nano Zinc Oxide Sales Quantity by Type (2025-2030) & (K MT)

Table 116. South America Nano Zinc Oxide Sales Quantity by Application (2019-2024) & (K MT)

Table 117. South America Nano Zinc Oxide Sales Quantity by Application (2025-2030) & (K MT)

Table 118. South America Nano Zinc Oxide Sales Quantity by Country (2019-2024) & (K MT)

Table 119. South America Nano Zinc Oxide Sales Quantity by Country (2025-2030) & (K MT)

Table 120. South America Nano Zinc Oxide Consumption Value by Country (2019-2024) & (USD Million)

Table 121. South America Nano Zinc Oxide Consumption Value by Country (2025-2030) & (USD Million)

Table 122. Middle East & Africa Nano Zinc Oxide Sales Quantity by Type (2019-2024) & (K MT)

Table 123. Middle East & Africa Nano Zinc Oxide Sales Quantity by Type (2025-2030) & (K MT)

Table 124. Middle East & Africa Nano Zinc Oxide Sales Quantity by Application (2019-2024) & (K MT)

Table 125. Middle East & Africa Nano Zinc Oxide Sales Quantity by Application (2025-2030) & (K MT)

Table 126. Middle East & Africa Nano Zinc Oxide Sales Quantity by Region

(2019-2024) & (K MT)

Table 127. Middle East & Africa Nano Zinc Oxide Sales Quantity by Region

(2025-2030) & (K MT)

Table 128. Middle East & Africa Nano Zinc Oxide Consumption Value by Region

(2019-2024) & (USD Million)

Table 129. Middle East & Africa Nano Zinc Oxide Consumption Value by Region

(2025-2030) & (USD Million)

Table 130. Nano Zinc Oxide Raw Material

Table 131. Key Manufacturers of Nano Zinc Oxide Raw Materials

Table 132. Nano Zinc Oxide Typical Distributors

Table 133. Nano Zinc Oxide Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Nano Zinc Oxide Picture

Figure 2. Global Nano Zinc Oxide Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Nano Zinc Oxide Consumption Value Market Share by Type in 2023

Figure 4. Pourable Examples

Figure 5. Free flowing powder Examples

Figure 6. Global Nano Zinc Oxide Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global Nano Zinc Oxide Consumption Value Market Share by Application in 2023

Figure 8. Paints & Coatings Examples

Figure 9. Cosmetics Examples

Figure 10. Household products Examples

Figure 11. Food contact materials Examples

Figure 12. Medical dressings Examples

Figure 13. Textiles Examples

Figure 14. Electronics Examples

Figure 15. Others Examples

Figure 16. Global Nano Zinc Oxide Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 17. Global Nano Zinc Oxide Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 18. Global Nano Zinc Oxide Sales Quantity (2019-2030) & (K MT)

Figure 19. Global Nano Zinc Oxide Average Price (2019-2030) & (USD/MT)

Figure 20. Global Nano Zinc Oxide Sales Quantity Market Share by Manufacturer in 2023

Figure 21. Global Nano Zinc Oxide Consumption Value Market Share by Manufacturer in 2023

Figure 22. Producer Shipments of Nano Zinc Oxide by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 23. Top 3 Nano Zinc Oxide Manufacturer (Consumption Value) Market Share in 2023

Figure 24. Top 6 Nano Zinc Oxide Manufacturer (Consumption Value) Market Share in 2023

Figure 25. Global Nano Zinc Oxide Sales Quantity Market Share by Region (2019-2030)

Figure 26. Global Nano Zinc Oxide Consumption Value Market Share by Region (2019-2030)

Figure 27. North America Nano Zinc Oxide Consumption Value (2019-2030) & (USD Million)

Figure 28. Europe Nano Zinc Oxide Consumption Value (2019-2030) & (USD Million)

Figure 29. Asia-Pacific Nano Zinc Oxide Consumption Value (2019-2030) & (USD Million)

Figure 30. South America Nano Zinc Oxide Consumption Value (2019-2030) & (USD Million)

Figure 31. Middle East & Africa Nano Zinc Oxide Consumption Value (2019-2030) & (USD Million)

Figure 32. Global Nano Zinc Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 33. Global Nano Zinc Oxide Consumption Value Market Share by Type (2019-2030)

Figure 34. Global Nano Zinc Oxide Average Price by Type (2019-2030) & (USD/MT)

Figure 35. Global Nano Zinc Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 36. Global Nano Zinc Oxide Consumption Value Market Share by Application (2019-2030)

Figure 37. Global Nano Zinc Oxide Average Price by Application (2019-2030) & (USD/MT)

Figure 38. North America Nano Zinc Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 39. North America Nano Zinc Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 40. North America Nano Zinc Oxide Sales Quantity Market Share by Country (2019-2030)

Figure 41. North America Nano Zinc Oxide Consumption Value Market Share by Country (2019-2030)

Figure 42. United States Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Canada Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 44. Mexico Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. Europe Nano Zinc Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 46. Europe Nano Zinc Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 47. Europe Nano Zinc Oxide Sales Quantity Market Share by Country

(2019-2030)

Figure 48. Europe Nano Zinc Oxide Consumption Value Market Share by Country

(2019-2030)

Figure 49. Germany Nano Zinc Oxide Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 50. France Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030)

& (USD Million)

Figure 51. United Kingdom Nano Zinc Oxide Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 52. Russia Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030)

& (USD Million)

Figure 53. Italy Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) &

(USD Million)

Figure 54. Asia-Pacific Nano Zinc Oxide Sales Quantity Market Share by Type

(2019-2030)

Figure 55. Asia-Pacific Nano Zinc Oxide Sales Quantity Market Share by Application

(2019-2030)

Figure 56. Asia-Pacific Nano Zinc Oxide Sales Quantity Market Share by Region

(2019-2030)

Figure 57. Asia-Pacific Nano Zinc Oxide Consumption Value Market Share by Region

(2019-2030)

Figure 58. China Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) &

(USD Million)

Figure 59. Japan Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) &

(USD Million)

Figure 60. Korea Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) &

(USD Million)

Figure 61. India Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) &

(USD Million)

Figure 62. Southeast Asia Nano Zinc Oxide Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 63. Australia Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030)

& (USD Million)

Figure 64. South America Nano Zinc Oxide Sales Quantity Market Share by Type

(2019-2030)

Figure 65. South America Nano Zinc Oxide Sales Quantity Market Share by Application

(2019-2030)

Figure 66. South America Nano Zinc Oxide Sales Quantity Market Share by Country

(2019-2030)

Figure 67. South America Nano Zinc Oxide Consumption Value Market Share by Country (2019-2030)

Figure 68. Brazil Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Argentina Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Middle East & Africa Nano Zinc Oxide Sales Quantity Market Share by Type (2019-2030)

Figure 71. Middle East & Africa Nano Zinc Oxide Sales Quantity Market Share by Application (2019-2030)

Figure 72. Middle East & Africa Nano Zinc Oxide Sales Quantity Market Share by Region (2019-2030)

Figure 73. Middle East & Africa Nano Zinc Oxide Consumption Value Market Share by Region (2019-2030)

Figure 74. Turkey Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Egypt Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Saudi Arabia Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 77. South Africa Nano Zinc Oxide Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 78. Nano Zinc Oxide Market Drivers

Figure 79. Nano Zinc Oxide Market Restraints

Figure 80. Nano Zinc Oxide Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Nano Zinc Oxide in 2023

Figure 83. Manufacturing Process Analysis of Nano Zinc Oxide

Figure 84. Nano Zinc Oxide Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

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