

Nano Zinc Oxide Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/N8D4C01C8324EN.html>

Date: September 2023

Pages: 139

Price: US\$ 2,499.00 (Single User License)

ID: N8D4C01C8324EN

Abstracts

Market Overview:

The global nano zinc oxide market size reached US\$ 958.5 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2,166.8 Million by 2028, exhibiting a growth rate (CAGR) of 14.19% during 2023-2028.

Zinc oxide (ZnO) is an insoluble, white powder formed by oxidizing naturally occurring zinc metal. Commonly available in uncoated and coated variants, the nano zinc oxide particles usually measure less than 100 nanometers. They are widely used in cigarette filters, food additives, glass and rubber (tire) manufacturing, ceramics, coating agents, concrete, lubricants, plastics, sealants, pigments, ointments, adhesives, and paints. Nano zinc oxide exhibits anti-corrosive, antimicrobial, and electrical, optical, and ultraviolet (UV) filtering properties. They are also extensively applied as an essential ingredient, bulking agent, and a colorant in various over-the-counter (OTC) products, such as sunscreens and ointments, to relieve pain and itching, prevent sunburn, and reduce premature aging of the skin.

Nano Zinc Oxide Market Trends:

The significant growth in the cosmetics and personal care industry across the globe is creating a positive outlook for the market. Nano zinc oxide is widely used to prepare various skin lotions and creams as it is a safe and effective ingredient with strong sun protection properties. In line with this, the widespread product adoption in personal care products, such as shampoos, deodorants, sunscreens, soaps, toothpaste, and hair conditioners, is favoring the market growth. Apart from this, the introduction of green synthesized nano zinc oxide, which is widely adopted due to the increasing concerns

regarding pollution as it exhibits low toxicity and biodegradability, is providing an impetus to the market growth. Additionally, the growing incorporation of nano zinc oxide in chemotherapeutic drugs, cell imaging, gene transport, and biosensing across the medical sector is positively impacting the market growth. Other factors, including the employment of non-toxic production techniques to manufacture nano zinc oxide particles and the rising product need in the rubber industry, are anticipated to drive the market toward growth.

Key Market Segmentation:

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

Breakup by Type:

- Uncoated Nano Zinc Oxide
- Coated Nano Zinc Oxide

Breakup by Application:

- Personal Care and Cosmetics
- Paints and Coatings
- 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 competitive landscape of the industry has also been examined along with the profiles of the key players being American Elements, BASF SE, Guangzhou Hongwu Material Technology Co. Ltd., Inframat Advanced Materials LLC (Inframat Corporation), Merck KgaA, Micronisers Pty Ltd, Nanophase Technologies Corporation, Pan-Continental Chemical Co.Ltd., Sakai Chemical Industry Co. Ltd, Shandong Xingya New Material Co. Ltd., SkySpring Nanomaterials Inc., Tata Chemicals Limited (Tata Group) and Tianxiongjian New Material Co.Ltd.

Key Questions Answered in This Report

1. How big is the global nano zinc oxide market?
2. What is the expected growth rate of the global nano zinc oxide market during 2023-2028?
3. What are the key factors driving the global nano zinc oxide market?
4. What has been the impact of COVID-19 on the global nano zinc oxide market?
5. What is the breakup of the global nano zinc oxide market based on the type?
6. What is the breakup of the global nano zinc oxide market based on the application?
7. What are the key regions in the global nano zinc oxide market?
8. Who are the key players/companies in the global nano zinc oxide 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 NANO ZINC OXIDE MARKET

5.1 Market Overview

5.2 Market Performance

5.3 Impact of COVID-19

5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

6.1 Uncoated Nano Zinc Oxide

6.1.1 Market Trends

6.1.2 Market Forecast

6.2 Coated Nano Zinc Oxide

6.2.1 Market Trends

6.2.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

7.1 Personal Care and Cosmetics

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Paints and Coatings

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Others

7.3.1 Market Trends

7.3.2 Market Forecast

8 MARKET BREAKUP BY REGION

8.1 North America

8.1.1 United States

8.1.1.1 Market Trends

8.1.1.2 Market Forecast

8.1.2 Canada

8.1.2.1 Market Trends

8.1.2.2 Market Forecast

8.2 Asia-Pacific

8.2.1 China

8.2.1.1 Market Trends

8.2.1.2 Market Forecast

8.2.2 Japan

8.2.2.1 Market Trends

8.2.2.2 Market Forecast

8.2.3 India

8.2.3.1 Market Trends

8.2.3.2 Market Forecast

8.2.4 South Korea

8.2.4.1 Market Trends

8.2.4.2 Market Forecast

8.2.5 Australia

8.2.5.1 Market Trends

8.2.5.2 Market Forecast

8.2.6 Indonesia

8.2.6.1 Market Trends

- 8.2.6.2 Market Forecast
- 8.2.7 Others
 - 8.2.7.1 Market Trends
 - 8.2.7.2 Market Forecast
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.1.1 Market Trends
 - 8.3.1.2 Market Forecast
 - 8.3.2 France
 - 8.3.2.1 Market Trends
 - 8.3.2.2 Market Forecast
 - 8.3.3 United Kingdom
 - 8.3.3.1 Market Trends
 - 8.3.3.2 Market Forecast
 - 8.3.4 Italy
 - 8.3.4.1 Market Trends
 - 8.3.4.2 Market Forecast
 - 8.3.5 Spain
 - 8.3.5.1 Market Trends
 - 8.3.5.2 Market Forecast
 - 8.3.6 Russia
 - 8.3.6.1 Market Trends
 - 8.3.6.2 Market Forecast
 - 8.3.7 Others
 - 8.3.7.1 Market Trends
 - 8.3.7.2 Market Forecast
- 8.4 Latin America
 - 8.4.1 Brazil
 - 8.4.1.1 Market Trends
 - 8.4.1.2 Market Forecast
 - 8.4.2 Mexico
 - 8.4.2.1 Market Trends
 - 8.4.2.2 Market Forecast
 - 8.4.3 Others
 - 8.4.3.1 Market Trends
 - 8.4.3.2 Market Forecast
- 8.5 Middle East and Africa
 - 8.5.1 Market Trends
 - 8.5.2 Market Breakup by Country

8.5.3 Market Forecast

9 SWOT ANALYSIS

9.1 Overview

9.2 Strengths

9.3 Weaknesses

9.4 Opportunities

9.5 Threats

10 VALUE CHAIN ANALYSIS

11 PORTERS FIVE FORCES ANALYSIS

11.1 Overview

11.2 Bargaining Power of Buyers

11.3 Bargaining Power of Suppliers

11.4 Degree of Competition

11.5 Threat of New Entrants

11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

13.1 Market Structure

13.2 Key Players

13.3 Profiles of Key Players

13.3.1 American Elements

13.3.1.1 Company Overview

13.3.1.2 Product Portfolio

13.3.2 BASF SE

13.3.2.1 Company Overview

13.3.2.2 Product Portfolio

13.3.2.3 Financials

13.3.2.4 SWOT Analysis

13.3.3 Guangzhou Hongwu Material Technology Co. Ltd.

13.3.3.1 Company Overview

13.3.3.2 Product Portfolio

13.3.4 Inframat Advanced Materials LLC (Inframat Corporation)

13.3.4.1 Company Overview

13.3.4.2 Product Portfolio

13.3.5 Merck KgaA

13.3.5.1 Company Overview

13.3.5.2 Product Portfolio

13.3.5.3 Financials

13.3.6 Micronisers Pty Ltd

13.3.6.1 Company Overview

13.3.6.2 Product Portfolio

13.3.7 Nanophase Technologies Corporation

13.3.7.1 Company Overview

13.3.7.2 Product Portfolio

13.3.7.3 Financials

13.3.7.4 SWOT Analysis

13.3.8 Pan-Continental Chemical Co.Ltd.

13.3.8.1 Company Overview

13.3.8.2 Product Portfolio

13.3.9 Sakai Chemical Industry Co. Ltd

13.3.9.1 Company Overview

13.3.9.2 Product Portfolio

13.3.9.3 Financials

13.3.9.4 SWOT Analysis

13.3.10 Shandong Xingya New Material Co. Ltd.

13.3.10.1 Company Overview

13.3.10.2 Product Portfolio

13.3.11 SkySpring Nanomaterials Inc.

13.3.11.1 Company Overview

13.3.11.2 Product Portfolio

13.3.12 Tata Chemicals Limited (Tata Group)

13.3.12.1 Company Overview

13.3.12.2 Product Portfolio

13.3.12.3 Financials

13.3.13 Tianxiongjian New Material Co.Ltd.

13.3.13.1 Company Overview

13.3.13.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Nano Zinc Oxide Market: Key Industry Highlights, 2022 and 2028

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

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

Table 4: Global: Nano Zinc Oxide Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 5: Global: Nano Zinc Oxide Market: Competitive Structure

Table 6: Global: Nano Zinc Oxide Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Nano Zinc Oxide Market: Major Drivers and Challenges

Figure 2: Global: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017-2022

Figure 3: Global: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 4: Global: Nano Zinc Oxide Market: Breakup by Type (in %), 2022

Figure 5: Global: Nano Zinc Oxide Market: Breakup by Application (in %), 2022

Figure 6: Global: Nano Zinc Oxide Market: Breakup by Region (in %), 2022

Figure 7: Global: Nano Zinc Oxide (Uncoated Nano Zinc Oxide) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 8: Global: Nano Zinc Oxide (Uncoated Nano Zinc Oxide) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 9: Global: Nano Zinc Oxide (Coated Nano Zinc Oxide) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Nano Zinc Oxide (Coated Nano Zinc Oxide) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Nano Zinc Oxide (Personal Care and Cosmetics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Nano Zinc Oxide (Personal Care and Cosmetics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Nano Zinc Oxide (Paints and Coatings) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Nano Zinc Oxide (Paints and Coatings) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Nano Zinc Oxide (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Nano Zinc Oxide (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: North America: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: North America: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: United States: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: United States: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Canada: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Canada: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Asia-Pacific: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Asia-Pacific: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: China: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: China: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Japan: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Japan: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: India: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: India: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: South Korea: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: South Korea: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Australia: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Australia: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Indonesia: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Indonesia: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Others: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Others: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: Europe: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: Europe: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Germany: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Germany: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: France: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: France: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: United Kingdom: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: United Kingdom: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Italy: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Italy: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Spain: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Spain: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Russia: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Russia: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: Others: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: Others: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Latin America: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Latin America: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Brazil: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Brazil: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Mexico: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Mexico: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Others: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Others: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Middle East and Africa: Nano Zinc Oxide Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Middle East and Africa: Nano Zinc Oxide Market: Breakup by Country (in %), 2022

Figure 65: Middle East and Africa: Nano Zinc Oxide Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Global: Nano Zinc Oxide Industry: SWOT Analysis

Figure 67: Global: Nano Zinc Oxide Industry: Value Chain Analysis

Figure 68: Global: Nano Zinc Oxide Industry: Porter's Five Forces Analysis

I would like to order

Product name: Nano Zinc Oxide Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/N8D4C01C8324EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N8D4C01C8324EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

