

Nanoclays Market By Product (Montmorillonite, Kaolinite, Smectite, Others), By Application (Water Treatment, Food and Beverage Packaging, Automotive, Biomedical, Paints and Coatings, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2022-08-01 | 200 pages | Allied Market Research

AVAILABLE LICENSES:

- Cloud Access License \$3456.00
- Business User License \$5730.00
- Enterprise License \$9600.00

Report description:

The global nanoclays market was valued at \$0.6 billion in 2021, and is projected to reach \$2.0 billion by 2031, registering a CAGR of 13.3% from 2022 to 2031.

Nanoclays are natural nanomaterials found in the clay component of soil. These are extensively used for various biomedical applications, such as tissue engineering, cancer therapy, drug delivery, wound healing, preparation of scaffolds & bone cement, and enzyme immobilization.

For the purpose of analysis, the nanoclays market is segmented into product, application, and region. The report outlines the details about nanoclays product types including montmorillonite, kaolinite, smectite, and others. The use of nanoclays in various applications, including water treatment, food & beverage packaging, automotive, biomedical, paints & coatings, and others are analyzed in the report. Moreover, it analyzes the current market trends of nanoclays across different regions such as North America, Europe, Asia-Pacific, and LAMEA and suggests the future growth opportunities.

The growth drivers, restraints, and opportunities are explained in the report to better understand the market dynamics. This report further highlights the key areas of investment. In addition, it includes Porter's five forces analysis to understand the competitive scenario of the industry and role of each stakeholder. Value chain analysis for this industry, which includes R&D, components, manufacturers, assembly, programming & testing, marketing & sales, customers, and post-sales services, is explained. The report features the strategies adopted by key market players to maintain their foothold in the market.

Furthermore, it highlights the competitive landscape of the key players to increase their market share and sustain intense competition in the industry.

In addition, the report covers profiles of key industry participants such as American Elements, Attogene Corporation, BASF SE,

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Dow Chemical Company, Elementis PLC, Evonik Degussa GmbH, Huntsman International LLC, Kowa Company Ltd, Laviosa Corporate, Mineral Technologies, Nanografi Nano Technology, Nanoshel LLC, SABIC, Southern Clay Products Inc, and Sun Chemicals.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the nanoclays market analysis from 2021 to 2031 to identify the prevailing nanoclays market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the nanoclays market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global nanoclays market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Product

- Montmorillonite
- Kaolinite
- Smectite
- Others

By Application

- Water Treatment
- Food and Beverage Packaging
- Automotive
- Biomedical
- Paints and Coatings
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Italy
- Spain
- UK
- Rest Of Europe
- Germany
- France
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Rest Of Asia-Pacific

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- LAMEA
- Brazil
- South Africa,
- Saudi Arabia
- Rest Of LAMEA
- Key Market Players
- AMERICAN ELEMENTS
- ATTOGENE CORPORATION
- BASF SE
- The Dow Chemical Company
- ELEMENTIS PLC
- EVONIK DEGUSSA GMBH
- HUNTSMAN INTERNATIONAL LLC
- KOWA COMPANY LTD
- LAVIOSA CORPORATE
- Mineral Technologies
- NANOGRAFI NANO TECHNOLOGY
- NANOSHEL LLC
- SABIC
- SOUTHERN CLAY PRODUCTS INC
- SUN CHEMICALS

Table of Contents:

CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key market segments
- 1.3.Key benefits to the stakeholders
- 1.4.Research Methodology
 - 1.4.1.Secondary research
 - 1.4.2.Primary research
 - 1.4.3.Analyst tools and models

CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.Key findings of the study
- 2.2.CXO Perspective

CHAPTER 3:MARKET OVERVIEW

- 3.1.Market definition and scope
- 3.2.Key findings
 - 3.2.1.Top investment pockets
- 3.3.Porter's five forces analysis
- 3.4.Top player positioning
- 3.5.Market dynamics
 - 3.5.1.Drivers
 - 3.5.2.Restraints
 - 3.5.3.Opportunities
- 3.6.COVID-19 Impact Analysis on the market
- 3.7.Value Chain Analysis
- 3.8.Patent Landscape

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

CHAPTER 4: NANOCCLAYS MARKET, BY PRODUCT

4.1 Overview

4.1.1 Market size and forecast

4.2 Montmorillonite

4.2.1 Key market trends, growth factors and opportunities

4.2.2 Market size and forecast, by region

4.2.3 Market analysis by country

4.3 Kaolinite

4.3.1 Key market trends, growth factors and opportunities

4.3.2 Market size and forecast, by region

4.3.3 Market analysis by country

4.4 Smectite

4.4.1 Key market trends, growth factors and opportunities

4.4.2 Market size and forecast, by region

4.4.3 Market analysis by country

4.5 Others

4.5.1 Key market trends, growth factors and opportunities

4.5.2 Market size and forecast, by region

4.5.3 Market analysis by country

CHAPTER 5: NANOCCLAYS MARKET, BY APPLICATION

5.1 Overview

5.1.1 Market size and forecast

5.2 Water Treatment

5.2.1 Key market trends, growth factors and opportunities

5.2.2 Market size and forecast, by region

5.2.3 Market analysis by country

5.3 Food and Beverage Packaging

5.3.1 Key market trends, growth factors and opportunities

5.3.2 Market size and forecast, by region

5.3.3 Market analysis by country

5.4 Automotive

5.4.1 Key market trends, growth factors and opportunities

5.4.2 Market size and forecast, by region

5.4.3 Market analysis by country

5.5 Biomedical

5.5.1 Key market trends, growth factors and opportunities

5.5.2 Market size and forecast, by region

5.5.3 Market analysis by country

5.6 Paints and Coatings

5.6.1 Key market trends, growth factors and opportunities

5.6.2 Market size and forecast, by region

5.6.3 Market analysis by country

5.7 Others

5.7.1 Key market trends, growth factors and opportunities

5.7.2 Market size and forecast, by region

5.7.3 Market analysis by country

CHAPTER 6: NANOCCLAYS MARKET, BY REGION

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.1 Overview
 - 6.1.1 Market size and forecast
- 6.2 North America
 - 6.2.1 Key trends and opportunities
 - 6.2.2 North America Market size and forecast, by Product
 - 6.2.3 North America Market size and forecast, by Application
 - 6.2.4 North America Market size and forecast, by country
 - 6.2.4.1 U.S.
 - 6.2.4.1.1 Market size and forecast, by Product
 - 6.2.4.1.2 Market size and forecast, by Application
 - 6.2.4.2 Canada
 - 6.2.4.2.1 Market size and forecast, by Product
 - 6.2.4.2.2 Market size and forecast, by Application
 - 6.2.4.3 Mexico
 - 6.2.4.3.1 Market size and forecast, by Product
 - 6.2.4.3.2 Market size and forecast, by Application
- 6.3 Europe
 - 6.3.1 Key trends and opportunities
 - 6.3.2 Europe Market size and forecast, by Product
 - 6.3.3 Europe Market size and forecast, by Application
 - 6.3.4 Europe Market size and forecast, by country
 - 6.3.4.1 Germany
 - 6.3.4.1.1 Market size and forecast, by Product
 - 6.3.4.1.2 Market size and forecast, by Application
 - 6.3.4.2 France
 - 6.3.4.2.1 Market size and forecast, by Product
 - 6.3.4.2.2 Market size and forecast, by Application
 - 6.3.4.3 Italy
 - 6.3.4.3.1 Market size and forecast, by Product
 - 6.3.4.3.2 Market size and forecast, by Application
 - 6.3.4.4 Spain
 - 6.3.4.4.1 Market size and forecast, by Product
 - 6.3.4.4.2 Market size and forecast, by Application
 - 6.3.4.5 UK
 - 6.3.4.5.1 Market size and forecast, by Product
 - 6.3.4.5.2 Market size and forecast, by Application
 - 6.3.4.6 Rest of Europe
 - 6.3.4.6.1 Market size and forecast, by Product
 - 6.3.4.6.2 Market size and forecast, by Application
- 6.4 Asia-Pacific
 - 6.4.1 Key trends and opportunities
 - 6.4.2 Asia-Pacific Market size and forecast, by Product
 - 6.4.3 Asia-Pacific Market size and forecast, by Application
 - 6.4.4 Asia-Pacific Market size and forecast, by country
 - 6.4.4.1 China
 - 6.4.4.1.1 Market size and forecast, by Product
 - 6.4.4.1.2 Market size and forecast, by Application

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.4.4.2 India
 - 6.4.4.2.1 Market size and forecast, by Product
 - 6.4.4.2.2 Market size and forecast, by Application
- 6.4.4.3 Japan
 - 6.4.4.3.1 Market size and forecast, by Product
 - 6.4.4.3.2 Market size and forecast, by Application
- 6.4.4.4 South Korea
 - 6.4.4.4.1 Market size and forecast, by Product
 - 6.4.4.4.2 Market size and forecast, by Application
- 6.4.4.5 Australia
 - 6.4.4.5.1 Market size and forecast, by Product
 - 6.4.4.5.2 Market size and forecast, by Application
- 6.4.4.6 Rest of Asia-Pacific
 - 6.4.4.6.1 Market size and forecast, by Product
 - 6.4.4.6.2 Market size and forecast, by Application
- 6.5 LAMEA
 - 6.5.1 Key trends and opportunities
 - 6.5.2 LAMEA Market size and forecast, by Product
 - 6.5.3 LAMEA Market size and forecast, by Application
 - 6.5.4 LAMEA Market size and forecast, by country
 - 6.5.4.1 Brazil
 - 6.5.4.1.1 Market size and forecast, by Product
 - 6.5.4.1.2 Market size and forecast, by Application
 - 6.5.4.2 South Africa,
 - 6.5.4.2.1 Market size and forecast, by Product
 - 6.5.4.2.2 Market size and forecast, by Application
 - 6.5.4.3 Saudi Arabia
 - 6.5.4.3.1 Market size and forecast, by Product
 - 6.5.4.3.2 Market size and forecast, by Application
 - 6.5.4.4 Rest of LAMEA
 - 6.5.4.4.1 Market size and forecast, by Product
 - 6.5.4.4.2 Market size and forecast, by Application

CHAPTER 7: COMPANY LANDSCAPE

- 7.1. Introduction
- 7.2. Top winning strategies
- 7.3. Product Mapping of Top 10 Player
- 7.4. Competitive Dashboard
- 7.5. Competitive Heatmap
- 7.6. Key developments

CHAPTER 8: COMPANY PROFILES

- 8.1 AMERICAN ELEMENTS
 - 8.1.1 Company overview
 - 8.1.2 Company snapshot
 - 8.1.3 Operating business segments
 - 8.1.4 Product portfolio
 - 8.1.5 Business performance
 - 8.1.6 Key strategic moves and developments

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.2 ATTOGENE CORPORATION
 - 8.2.1 Company overview
 - 8.2.2 Company snapshot
 - 8.2.3 Operating business segments
 - 8.2.4 Product portfolio
 - 8.2.5 Business performance
 - 8.2.6 Key strategic moves and developments
- 8.3 BASF SE
 - 8.3.1 Company overview
 - 8.3.2 Company snapshot
 - 8.3.3 Operating business segments
 - 8.3.4 Product portfolio
 - 8.3.5 Business performance
 - 8.3.6 Key strategic moves and developments
- 8.4 The Dow Chemical Company
 - 8.4.1 Company overview
 - 8.4.2 Company snapshot
 - 8.4.3 Operating business segments
 - 8.4.4 Product portfolio
 - 8.4.5 Business performance
 - 8.4.6 Key strategic moves and developments
- 8.5 ELEMENTIS PLC
 - 8.5.1 Company overview
 - 8.5.2 Company snapshot
 - 8.5.3 Operating business segments
 - 8.5.4 Product portfolio
 - 8.5.5 Business performance
 - 8.5.6 Key strategic moves and developments
- 8.6 EVONIK DEGUSSA GMBH
 - 8.6.1 Company overview
 - 8.6.2 Company snapshot
 - 8.6.3 Operating business segments
 - 8.6.4 Product portfolio
 - 8.6.5 Business performance
 - 8.6.6 Key strategic moves and developments
- 8.7 HUNTSMAN INTERNATIONAL LLC
 - 8.7.1 Company overview
 - 8.7.2 Company snapshot
 - 8.7.3 Operating business segments
 - 8.7.4 Product portfolio
 - 8.7.5 Business performance
 - 8.7.6 Key strategic moves and developments
- 8.8 KOWA COMPANY LTD
 - 8.8.1 Company overview
 - 8.8.2 Company snapshot
 - 8.8.3 Operating business segments
 - 8.8.4 Product portfolio

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.8.5 Business performance
- 8.8.6 Key strategic moves and developments
- 8.9 LAVIOSA CORPORATE
 - 8.9.1 Company overview
 - 8.9.2 Company snapshot
 - 8.9.3 Operating business segments
 - 8.9.4 Product portfolio
 - 8.9.5 Business performance
 - 8.9.6 Key strategic moves and developments
- 8.10 Mineral Technologies
 - 8.10.1 Company overview
 - 8.10.2 Company snapshot
 - 8.10.3 Operating business segments
 - 8.10.4 Product portfolio
 - 8.10.5 Business performance
 - 8.10.6 Key strategic moves and developments
- 8.11 NANOGRAFI NANO TECHNOLOGY
 - 8.11.1 Company overview
 - 8.11.2 Company snapshot
 - 8.11.3 Operating business segments
 - 8.11.4 Product portfolio
 - 8.11.5 Business performance
 - 8.11.6 Key strategic moves and developments
- 8.12 NANOSHEL LLC
 - 8.12.1 Company overview
 - 8.12.2 Company snapshot
 - 8.12.3 Operating business segments
 - 8.12.4 Product portfolio
 - 8.12.5 Business performance
 - 8.12.6 Key strategic moves and developments
- 8.13 SABIC
 - 8.13.1 Company overview
 - 8.13.2 Company snapshot
 - 8.13.3 Operating business segments
 - 8.13.4 Product portfolio
 - 8.13.5 Business performance
 - 8.13.6 Key strategic moves and developments
- 8.14 SOUTHERN CLAY PRODUCTS INC
 - 8.14.1 Company overview
 - 8.14.2 Company snapshot
 - 8.14.3 Operating business segments
 - 8.14.4 Product portfolio
 - 8.14.5 Business performance
 - 8.14.6 Key strategic moves and developments
- 8.15 SUN CHEMICALS
 - 8.15.1 Company overview
 - 8.15.2 Company snapshot

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.15.3 Operating business segments
- 8.15.4 Product portfolio
- 8.15.5 Business performance
- 8.15.6 Key strategic moves and developments

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Nanoclays Market By Product (Montmorillonite, Kaolinite, Smectite, Others), By Application (Water Treatment, Food and Beverage Packaging, Automotive, Biomedical, Paints and Coatings, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2022-08-01 | 200 pages | Allied Market Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Cloud Access License	\$3456.00
	Business User License	\$5730.00
	Enterprise License	\$9600.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2026-03-04

Signature

A large, empty rectangular box intended for a signature.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com