

Sodium Percarbonate Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Sales Channel (Direct, Indirect), By End Use (Detergents & Cleaning Products, Textile, Pulp & Paper, Water Treatment, Others), By Region and Competition, 2020-2030F

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Report description:

Market Overview

The Global Sodium Percarbonate Market was valued at USD 1040.74 Million in 2024 and is projected to reach USD 1404.69 Million by 2030, expanding at a CAGR of 3.75% during the forecast period. Sodium percarbonate, a stable combination of sodium carbonate and hydrogen peroxide, is increasingly recognized for its role as a non-toxic, eco-friendly oxidizing and bleaching agent. When dissolved in water, it releases active oxygen, making it a preferred alternative to chlorine-based compounds in various cleaning and disinfecting applications.

Rising consumer awareness of sustainable living and the environmental impacts of traditional cleaning agents is driving demand for oxygen-based cleaners, with sodium percarbonate gaining popularity, especially in household detergents and laundry products. It offers strong cleaning power without harming fabrics or releasing hazardous by-products. The market is further bolstered by its application across water treatment, textiles, pulp and paper, and agriculture. However, challenges such as raw material cost volatility and sensitivity to moisture during handling and storage may limit broader adoption. Despite these hurdles, growing interest in green chemistry and safer formulations continues to fuel sodium percarbonate's presence in global industrial and consumer segments.

Key Market Drivers

Growing Use of Sodium Percarbonate in Water Treatment

The expanding use of sodium percarbonate in water purification and wastewater treatment is a key factor fueling market growth. With over 113 billion cubic meters of inadequately treated wastewater discharged globally in 2022, the need for safe and efficient disinfection solutions is urgent. Sodium percarbonate is gaining prominence for its ability to release hydrogen peroxide upon

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dissolution, which acts as a powerful oxidizing agent capable of degrading organic matter and neutralizing microbial contaminants.

Unlike traditional chlorine disinfectants, sodium percarbonate breaks down into benign by-products-oxygen, water, and soda ash-making it a safer and more sustainable choice. Its effectiveness in odor control, pathogen elimination, and algae suppression makes it valuable for treating potable water, industrial effluents, and wastewater in environmentally conscious operations. Products like BioCool CleanWater utilize this compound for its active oxygen release, offering an eco-friendly solution for modern water sanitation needs.

Key Market Challenges

Fluctuating Raw Material Prices

One of the core challenges affecting the sodium percarbonate market is the volatility in the prices of its primary inputs-sodium carbonate and hydrogen peroxide. These raw materials are influenced by global commodity trends, supply chain disruptions, energy costs, and demand shifts across related industries, including chemicals, agriculture, and glass.

Price instability in soda ash, often driven by mining limitations and export restrictions, can lead to unpredictable manufacturing costs for sodium percarbonate. Similarly, fluctuations in hydrogen peroxide pricing-impacted by energy-intensive production processes and downstream usage-can strain margins. These cost pressures may result in reduced price competitiveness, particularly in price-sensitive applications and emerging markets, thereby affecting overall growth momentum.

Key Market Trends

Increasing Demand in the Agricultural Sector

The rising use of sodium percarbonate in agriculture is becoming a significant trend in the global market. With the agricultural sector forecast to reach a production value of USD 4.82 trillion by 2025, the demand for sustainable inputs is intensifying. Sodium percarbonate is emerging as a valuable tool in pest and disease control, post-harvest treatment, and equipment sanitation.

When applied, its hydrogen peroxide release aids in suppressing bacterial and fungal growth on crops and seeds, without leaving toxic residues. Its application is aligned with organic and eco-friendly farming practices, offering a safer alternative to conventional chemical disinfectants and fungicides. As global food production grows alongside the need for sustainability, sodium percarbonate is increasingly favored for its multifunctional, biodegradable profile.

Key Market Players

- Zhejiang Jinke Daily Chemical New Materials Co., Ltd
- Percarbonat ltd.
- Kemira Oyj
- Wuxi Wanli Chemical Co.,Ltd.
- Zhejiang Jiehua New Materials Co., Ltd.
- OCI COMPANY Ltd
- Hongye Holding Group Co., Ltd
- JIANGXI BOHOLY CHEMICAL Co., Ltd
- AKK?M
- Solvay SA

Report Scope

In this report, the Global Sodium Percarbonate Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

- Sodium Percarbonate Market, By Sales Channel:

- o Direct
- o Indirect

- Sodium Percarbonate Market, By End Use:

- o Detergents & Cleaning Products
- o Textile
- o Pulp & Paper
- o Water Treatment

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o Others

- Sodium Percarbonate Market, By Region:

o North America

? United States

? Canada

? Mexico

o Europe

? France

? United Kingdom

? Italy

? Germany

? Spain

o Asia Pacific

? China

? India

? Japan

? Australia

? South Korea

o South America

? Brazil

? Argentina

? Colombia

o Middle East & Africa

? South Africa

? Saudi Arabia

? UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Sodium Percarbonate Market.

Available Customizations

Global Sodium Percarbonate Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

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