

# Global Periodic Acid Solutions Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Periodic Acid Solutions market size is expected to reach \$ 187 million by 2032, rising at a market growth of 5.5% CAGR during the forecast period (2026-2032).

In 2025, sales of periodic acid solutions reached 3,134 tons, with an average price of US\$39.35/kg.

Periodic acid solution is a strong inorganic oxidizing agent obtained by dissolving H<sub>5</sub>IO<sub>6</sub> (orthoperiodic acid) or HIO<sub>4</sub> (metaperiodic acid) in water. It is commonly used for the oxidative cleavage of glycoproteins/polysaccharides, chromatographic analysis, and electrophoretic staining.

Industrial preparation follows the 'iodine-perchloric acid method' or 'chlorine oxidation of sodium iodate + electrolysis' route: iodine (99.5%) is first anodized to periodate by chlorine or PbO<sub>2</sub>, then periodic acid crystals are obtained through ion exchange or barium salt-sulfuric acid acidification, and finally prepared to the target concentration. Iodine accounts for 55-60% of raw material costs (the price of iodine fluctuates between 220,000 and 280,000 RMB per ton, directly determining the cost), while perchloric acid, liquid chlorine, and steam energy consumption each account for 8-10%. The remainder is due to labor, waste treatment, and packaging.

This report studies the global Periodic Acid Solutions production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Periodic Acid Solutions and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and

competition, as well as details the characteristics of Periodic Acid Solutions that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Periodic Acid Solutions total production and demand, 2021-2032, (Tons)

Global Periodic Acid Solutions total production value, 2021-2032, (USD Million)

Global Periodic Acid Solutions production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Periodic Acid Solutions consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Periodic Acid Solutions domestic production, consumption, key domestic manufacturers and share

Global Periodic Acid Solutions production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Periodic Acid Solutions production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Periodic Acid Solutions production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Periodic Acid Solutions market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ajay-SQM Group, Iofina Chemical, William Blythe, Nippoh Chemicals, Samrat Pharmachem, Omkar Speciality Chemicals, Zhejiang Hichi Chemical, Jiangxi Shengdian S&T, Prachi Pharmaceuticals, DNS Fine, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Periodic Acid Solutions market

**Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

**Global Periodic Acid Solutions Market, By Region:**

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

**Global Periodic Acid Solutions Market, Segmentation by Type:**

Orthoperiodic Acid Solution

Metaperiodic Acid Solution

**Global Periodic Acid Solutions Market, Segmentation by Purity:**

Industrial Grade

High Purity

Global Periodic Acid Solutions Market, Segmentation by Solvent System:

Aqueous Solution

Alcohol-Water Mixture

Global Periodic Acid Solutions Market, Segmentation by Application:

Medicine

Electronic Chemicals

Print Chemicals

Others

Companies Profiled:

Ajay-SQM Group

Iofina Chemical

William Blythe

Nippoh Chemicals

Samrat Pharmachem

Omkar Speciality Chemicals

Zhejiang Hichi Chemical

Jiangxi Shengdian S&T

Prachi Pharmaceuticals

DNS Fine

Infinium Pharmachem

Taian Havay Group

**Key Questions Answered:**

1. How big is the global Periodic Acid Solutions market?
2. What is the demand of the global Periodic Acid Solutions market?
3. What is the year over year growth of the global Periodic Acid Solutions market?
4. What is the production and production value of the global Periodic Acid Solutions market?
5. Who are the key producers in the global Periodic Acid Solutions market?
6. What are the growth factors driving the market demand?

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