

**India Phosphoric Acid Market By Grade (Technical, Fertilizer), By Application (Fertilizers, Pharmaceutical, Food & Beverage, Detergent, Metal Treatment, Water Treatment, Others), By Region, Competition, Forecast and Opportunities, 2019-2029F**

Market Report (3 business days) | 2023-10-03 | 84 pages | TechSci Research

**AVAILABLE LICENSES:**

- Single User License \$3500.00
- Multi-User License \$4500.00
- Custom Research License \$7500.00

**Report description:**

The India Phosphoric Acid Market reached a valuation of USD 2.60 billion in 2023 and is expected to experience robust growth in the forecast period, with a projected Compound Annual Growth Rate (CAGR) of 3.07% through 2029 and is expected to reach at USD 3.08 billion by 2029. Phosphoric acid, known chemically as  $H_3PO_4$ , and commonly referred to as orthophosphoric acid or phosphoric(V) acid, is classified as a weak acid. It typically appears as a colorless solid in its purest form and is non-toxic, remaining solid at room temperature and standard pressure.

**Key Market Drivers:**

- 1. Growing Demand for Phosphate Fertilizers:** The increasing global population and the need to enhance agricultural productivity have led to a rising demand for effective fertilizers, with phosphate fertilizers playing a pivotal role in boosting crop yields and ensuring food security. This surge in demand has significantly influenced the India phosphoric acid market, driving its growth. As the Indian agricultural landscape evolves, with an emphasis on crop diversification and sustainable farming practices, phosphate fertilizers, and consequently phosphoric acid, become integral to maintaining soil fertility and supporting various crop nutrient requirements. This trend is expected to further stimulate the demand for phosphate fertilizers and shape the phosphoric acid market's positive trajectory.
- 2. Growing Demand for Water Treatment:** The rapid industrialization and urbanization in India have resulted in increased pollution levels in water bodies. Phosphoric acid's effectiveness in removing heavy metals and pollutants from water has made it crucial for

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

water treatment systems. Its role in coagulation, flocculation, and the removal of suspended particles and impurities in municipal water treatment plants has driven its demand. Industries, from power generation to chemical manufacturing, also rely on phosphoric acid-based treatments to reduce pollutant levels in their effluents, ensuring compliance with environmental regulations. Furthermore, as freshwater sources become scarcer, phosphoric acid's role in controlling scaling and fouling in desalination systems is enhancing the efficiency of desalination processes.

3. Growing Demand for Phosphoric Acid in the Pharmaceutical Industry: Phosphoric acid's properties, such as its ability to adjust pH and enhance solubility, make it invaluable in pharmaceutical formulations. It is widely used to ensure the stability and efficacy of pharmaceutical compounds, especially in oral medications and injectables. Additionally, phosphoric acid is used in complexation processes and the production of nutraceuticals and dietary supplements, promoting bone health and aiding in calcium absorption. The rising prevalence of chronic diseases and the need for affordable healthcare solutions are further driving the demand for innovative pharmaceutical formulations, thereby increasing the demand for phosphoric acid.

#### Key Market Challenges:

1. Environmental Concerns: The phosphoric acid industry faces significant environmental challenges, including water pollution and contamination. The production of phosphoric acid involves extracting phosphate rock, generating phosphogypsum waste that may contain pollutants. The energy-intensive manufacturing process contributes to greenhouse gas emissions and air pollution. Sustainable practices and addressing environmental impacts are vital challenges for the industry.

2. Supply Disruptions: Phosphate reserves are concentrated in a few countries, leading to supply uncertainties due to geopolitical tensions, political instability, and environmental regulations. Supply chain disruptions, shipping challenges, and transportation-related issues can affect the timely delivery of phosphate resources to India.

#### Key Market Trends:

1. Technological Advancements: Technological advancements in quality control, testing, and production processes have reshaped the phosphoric acid industry. Automation, data analytics, and sensor technologies have improved efficiency, reduced variability, and enhanced product quality. The integration of digital technologies and data-driven insights is optimizing production and supply chain operations.

#### Segmental Insights:

Grade Insights: In 2022, the Fertilizer grade segment dominated the phosphoric acid market due to its critical role in replenishing soil nutrients and increasing crop yields. Phosphate fertilizers derived from phosphoric acid, such as DAP and SSP, are essential for supporting agricultural productivity.

Application Insights: The water treatment segment dominated the phosphoric acid market in 2022, driven by its effectiveness in corrosion control, removal of contaminants, and use in various water treatment processes. As India's water infrastructure expands, corrosion control becomes vital, contributing to infrastructure longevity and water supply safety.

Regional Insights: The West Indian region leads the India Phosphoric Acid Market, possibly due to significant phosphate rock reserves or access to phosphate mines. A well-established infrastructure and supportive industry ecosystem further contribute to the region's dominance.

#### Key Market Players

-□Budenheim India Pvt. Ltd.

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

- Grasim Industries Limited
- Gujarat Alkalies and Chemicals Ltd.
- Indo Maroc Phosphore S.A (IMACID)
- Jordan India Fertilizer Company (JIFCO)
- Punjab Chemicals & Crop Protection Limited
- United Phosphorus Limited

#### Report Scope:

In this report, the India Phosphoric Acid Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### -□India Phosphoric Acid Market, By Grade:

- o□Technical
- o□Fertilizer

#### -□India Phosphoric Acid Market, By Application:

- o□Fertilizers
- o□Pharmaceutical
- o□Food & Beverage
- o□Detergent
- o□Metal Treatment
- o□Water Treatment
- o□Others

#### -□India Phosphoric Acid Market, By Region:

- o□North India
- o□East India
- o□West India
- o□South India

#### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Phosphoric Acid Market.

#### Available Customizations:

India Phosphoric Acid Market report with the given market data, Tech Sci 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).

#### **Table of Contents:**

- 1.□Product Overview
  - 1.1.□Market Definition
  - 1.2.□Scope of the Market
    - 1.2.1.□Markets Covered
    - 1.2.2.□Years Considered for Study
    - 1.2.3.□Key Market Segmentations
- 2.□Research Methodology
  - 2.1.□Objective of the Study
  - 2.2.□Baseline Methodology
  - 2.3.□Key Industry Partners
  - 2.4.□Major Association and Secondary Sources
  - 2.5.□Forecasting Methodology

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

- 2.6.□Data Triangulation & Validation
- 2.7.□Assumptions and Limitations
- 3.□Executive Summary
  - 3.1.□Overview of the Market
  - 3.2.□Overview of Key Market Segmentations
  - 3.3.□Overview of Key Market Players
  - 3.4.□Overview of Key Regions/Countries
  - 3.5.□Overview of Market Drivers, Challenges, and Trends
- 4.□Voice of Customers
- 5.□Impact of COVID-19 on India Phosphoric Acid Market
- 6.□India Phosphoric Acid Market Outlook
  - 6.1.□Market Size & Forecast
    - 6.1.1.□By Value & Volume
  - 6.2.□Market Share & Forecast
    - 6.2.1.□By Grade (Technical Grade Phosphoric Acid, Fertilizer Grade Phosphoric Acid)
    - 6.2.2.□By Application (Fertilizers, Pharmaceutical, Food & Beverage, Detergent, Metal Treatment, Water Treatment, Others)
    - 6.2.3.□By Region (North, South, East, West)
    - 6.2.4.□By Company (2022)
  - 6.3.□Product Market Map
- 7.□North India Phosphoric Acid Market Outlook
  - 7.1.□Market Size & Forecast□
    - 7.1.1.□By Value
  - 7.2.□Market Share & Forecast
    - 7.2.1.□By Grade
    - 7.2.2.□By Application
- 8.□South India Phosphoric Acid Market Outlook
  - 8.1.□Market Size & Forecast□
    - 8.1.1.□By Value
  - 8.2.□Market Share & Forecast
    - 8.2.1.□By Grade
    - 8.2.2.□By Application
- 9.□East India Phosphoric Acid Market Outlook
  - 9.1.□Market Size & Forecast□
    - 9.1.1.□By Value
  - 9.2.□Market Share & Forecast
    - 9.2.1.□By Grade
    - 9.2.2.□By Application
- 10.□West India Phosphoric Acid Market Outlook
  - 10.1.□Market Size & Forecast□
    - 10.1.1.□By Value
  - 10.2.□Market Share & Forecast
    - 10.2.1.□By Grade
    - 10.2.2.□By Application
- 11.□Market Dynamics
  - 11.1.□Drivers
  - 11.2.□Challenges
- 12.□Market Trends & Developments

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 12.1.□Merger & Acquisition
- 12.2.□Product Development
- 12.3.□Recent Developments
- 13.□Porters Five Forces Analysis
- 13.1.□Competition in the Industry
- 13.2.□Potential of New Entrants
- 13.3.□Power of Suppliers
- 13.4.□Power of Customers
- 13.5.□Threat of Substitute Products
- 14.□Pricing Analysis
- 15.□Policy & Regulatory Framework
- 16.□Competitive Landscape
- 16.1.□Business Overview
- 16.2.□Company Snapshot
- 16.3.□Products & Services
- 16.4.□Financials (As Reported)
- 16.5.□Recent Developments
- 16.5.1.□Budenheim India Pvt. Ltd.
- 16.5.2.□Grasim Industries Limited
- 16.5.3.□Gujarat Alkalies and Chemicals Ltd.
- 16.5.4.□Indo Maroc Phosphore S.A (IMACID)
- 16.5.5.□Jordan India Fertilizer Company (JIFCO)
- 16.5.6.□Punjab Chemicals & Crop Protection Limited
- 16.5.7.□United Phosphorus Limited
- 17.□Strategic Recommendations
- 18.□About Us & Disclaimer

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**India Phosphoric Acid Market By Grade (Technical, Fertilizer), By Application (Fertilizers, Pharmaceutical, Food & Beverage, Detergent, Metal Treatment, Water Treatment, Others), By Region, Competition, Forecast and Opportunities, 2019-2029F**

Market Report (3 business days) | 2023-10-03 | 84 pages | TechSci 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
	Single User License	\$3500.00
	Multi-User License	\$4500.00
	Custom Research License	\$7500.00
		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

2025-05-15

Signature



**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)