

## **APAC Phosphorus and Derivatives Market - Industry Trends and Forecast to 2030**

Market Report | 2023-03-01 | 337 pages | Data Bridge Market Research

### **AVAILABLE LICENSES:**

- Single User License \$3500.00
- Corporate Users License \$4200.00

### **Report description:**

Asia-Pacific phosphorus and derivatives market is projected to register a CAGR of 4.34% from 2023 to 2030. The new market report contains data for the historic year 2021, the base year of calculation is 2022, and the forecast period is 2023 to 2030.

### **Market Segmentation:**

Asia-Pacific Phosphorus and Derivatives Market, By Product Type (Ammonium Phosphate, Industrial Phosphate, Phosphoric Acid, Phosphorus Chloride, Phosphorus Sulfide, Phosphorus Pentoxide, Hypophosphorous Acid, Triethyl Phosphate, Tricalcium Phosphate, Phosphorus Tribromide, Phosphorus Pentachloride, Adenosine Triphosphate, and Others), Form (Dry and Liquid), Application (Fertilizers, Food and Drink Additives, Detergents, Metal Finishing, Water Treatment Chemicals, Treatment Chemicals, Quantum Dots, Flame Retardant Material, and Others), End User (Agriculture, Food & Beverage, Pharmaceuticals/HealthCare, Chemical Processing, Automotive, Home Care, and Others), End User (Agriculture, Food & Beverage, Pharmaceuticals/HealthCare, Chemical Processing, Automotive, Home Care, and Others), Allotropes (Red Phosphorous and White Phosphorous), Country (China, India, Japan, South Korea, Indonesia, Australia, Singapore, Philippines, Thailand, Malaysia, New Zealand, Hong Kong, Taiwan, and Rest of Asia-Pacific) Industry Trends and Forecast to 2030

Some of the major factors contributing to the growth of the Asia-Pacific phosphorus and derivatives market are:

- Increase in demand for fertilizers in the agricultural industry
- Growing awareness about the benefits of phosphorus and derivatives among consumers
- Increasing demand in the pharmaceutical sector
- Rising applications of phosphorus and derivatives in several industries

### **Market Players**

Some major companies dealing in the Asia-Pacific phosphorus and derivatives market are:

- Nippon Chemical Industrial CO., LTD.
- The Mosaic Company
- LANXESS
- Solvay

**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)

- Ma'aden
- ICL
- Xuzhou JianPing Chemical Co., Ltd.
- Anhui Guangxin Agrochemical Co., Ltd.
- Futong Chemical Co., Ltd
- Excel Industries Ltd.
- Nutrien Ltd.
- OCP
- Kazphosphate LLC
- PhosAgro Group of Companies
- SMC Global
- SANDHYA GROUP
- Innophos
- Aditya Birla Management Corporation Pvt Ltd.,
- PCC Rokita Spolka Akcyjna

## **Table of Contents:**

### TABLE OF CONTENTS

1 INTRODUCTION	67
1.1 OBJECTIVES OF THE STUDY	67
1.2 MARKET DEFINITION	67
1.3 OVERVIEW OF THE ASIA PACIFIC PHOSPHORUS AND DERIVATIVES MARKET	67
1.4 LIMITATIONS	69
1.5 MARKETS COVERED	69
2 MARKET SEGMENTATION	72
2.1 MARKETS COVERED	72
2.2 GEOGRAPHICAL SCOPE	73
2.3 YEARS CONSIDERED FOR THE STUDY	74
2.4 CURRENCY AND PRICING	74
2.5 DBMR TRIPOD DATA VALIDATION MODEL	75
2.6 PRODUCT LIFELINE CURVE	78
2.7 MULTIVARIATE MODELLING	79
2.8 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	80
2.9 DBMR MARKET POSITION GRID	81
2.10 VENDOR SHARE ANALYSIS	83
2.11 MARKET APPLICATION COVERAGE GRID	84
2.12 DBMR MARKET CHALLENGE MATRIX	85
2.13 SECONDARY SOURCES	86
2.14 ASSUMPTIONS	87
3 EXECUTIVE SUMMARY	88
4 PREMIUM INSIGHTS	91
4.1 PESTEL ANALYSIS	92
4.1.1 POLITICAL FACTORS	92
4.1.2 ENVIRONMENTAL FACTORS	93
4.1.3 SOCIAL FACTORS	93

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

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

www.scotts-international.com

4.1.4	TECHNOLOGICAL FACTORS	93
4.1.5	ECONOMICAL FACTORS	94
4.1.6	LEGAL FACTORS	94
4.2	PORTER'S FIVE FORCES	95
4.3	RAW MATERIAL COVERAGE	97
4.4	PRODUCTION CONSUMPTION ANALYSIS	99
4.5	IMPORT-EXPORT SCENARIO	100
4.6	TECHNOLOGICAL ADVANCEMENTS BY MANUFACTURES	101
4.7	VENDOR SELECTION CRITERIA	102
4.8	PRODUCTION CAPACITY OUTLOOK	104
5	REGULATION COVERAGE	105
6	CLIMATE CHANGE SCENARIO	109
6.1	ENVIRONMENTAL CONCERNS	109
6.2	INDUSTRY RESPONSE	110
6.3	GOVERNMENT'S ROLE	110
6.4	ANALYST RECOMMENDATION	110
7	PRICING ANALYSIS OF PHOSPHORUS	111
8	SUPPLY CHAIN ANALYSIS	112
9	REGIONAL SUMMARIES	114
10	MARKET OVERVIEW	116
10.1	DRIVERS	118
10.1.1	INCREASING DEMAND FOR FERTILIZERS IN THE AGRICULTURE INDUSTRY	118
10.1.2	GROWING AWARENESS ABOUT THE BENEFITS OF PHOSPHORUS AND DERIVATIVES AMONG CONSUMERS	119
10.1.3	INCREASING DEMAND IN THE PHARMACEUTICAL SECTOR	120
10.1.4	RISING APPLICATIONS OF PHOSPHORUS AND DERIVATIVES IN SEVERAL INDUSTRIES	121
10.2	RESTRAINTS	121
10.2.1	STRINGENT GOVERNMENT REGULATIONS ON PHOSPHORUS AND DERIVATIVES USAGE	121
10.2.2	HARMFUL EFFECTS OF PHOSPHORUS AND DERIVATIVES ON THE ENVIRONMENT	122
10.3	OPPORTUNITIES	123
10.3.1	INCREASING USE OF PHOSPHORUS AND DERIVATIVES IN THE FOOD & BEVERAGE INDUSTRY	123
10.3.2	INCREASING INNOVATION AND NEW PRODUCT LAUNCHES	123
10.3.3	GROWING USE OF PHOSPHORUS AND DERIVATIVES IN FUEL CELLS	124
10.4	CHALLENGES	125
10.4.1	RISKS ASSOCIATED WITH OVER USAGE OF PHOSPHATE-BASED PRODUCTS	125
10.4.2	INCREASING ADOPTION OF GENETICALLY MODIFIED SEEDS	125
11	ASIA PACIFIC PHOSPHORUS AND DERIVATIVES MARKET, BY PRODUCT	127
11.1	OVERVIEW:	127
11.2	PHOSPHORIC ACID	129
11.3	AMMONIUM PHOSPHATE	130
11.4	PHOSPHORUS PENTOXIDE	130
11.5	PHOSPHORUS CHLORIDE	130
11.6	PHOSPHORUS SULPHIDE	131
11.7	INDUSTRIAL PHOSPHATE	131
11.8	HYPHOSPHORUS ACID	131
11.9	TRICALCIUM PHOSPHATE	132
11.10	TRIETHYL PHOSPHATE	132
11.11	PHOSPHORUS TRIBROMIDE	132

**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)

11.12 TRICHLOROPHOSPHATE	133
11.13 ADENOSINE TRIPHOSPHATE	133
11.14 OTHERS	133
12 ASIA PACIFIC PHOSPHORUS AND DERIVATIVES MARKET, BY FORM	134
12.1 OVERVIEW	134
12.2 DRY	135
12.3 LIQUID	135
13 ASIA PACIFIC PHOSPHORUS AND DERIVATIVES MARKET, BY APPLICATION	136
13.1 OVERVIEW:	136
13.2 FERTILIZERS	137
13.3 FOOD AND DRINK ADDITIVES	137
13.4 DETERGENTS	138
13.5 METAL FINISHING	138
13.6 WATER TREATMENT CHEMICALS	138
13.7 QUANTUM DOTS	138
13.8 FLAME RETARDANT MATERIAL	139
13.9 OTHERS	139
14 ASIA PACIFIC PHOSPHORUS AND DERIVATIVES MARKET, BY END USER	140
14.1 OVERVIEW:	140
14.2 AGRICULTURE	141
14.3 FOOD AND BEVERAGES	141
14.4 PHARMACEUTICALS/HEALTHCARE	142
14.5 CHEMICAL PROCESSING	142
14.6 AUTOMOTIVE	142
14.7 HOMECARE	143
14.8 OTHERS	143
15 ASIA PACIFIC PHOSPHOROUS AND DERIVATIVES MARKET, BY ALLOTROPES	144
15.1 OVERVIEW	144
15.2 RED PHOSPHOROUS	145
15.3 WHITE PHOSPHOROUS	145
16 ASIA PACIFIC PHOSPHORUS AND DERIVATIVES MARKET, BY REGION	146
16.1 ASIA-PACIFIC	147
16.1.1 CHINA	161
16.1.2 INDIA	169
16.1.3 JAPAN	177
16.1.4 SOUTH KOREA	185
16.1.5 INDONESIA	193
16.1.6 AUSTRALIA	201
16.1.7 SINGAPORE	208
16.1.8 PHILIPPINES	216
16.1.9 THAILAND	224
16.1.10 MALAYSIA	232
16.1.11 NEW ZEALAND	239
16.1.12 HONG KONG	246
16.1.13 TAIWAN	253
16.1.14 REST OF ASIA-PACIFIC	260
17 ASIA PACIFIC PHOSPHORUS AND DERIVATIVES MARKET: COMPANY LANDSCAPE	262

**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)

17.1 COMPANY SHARE ANALYSIS: ASIA PACIFIC	262
17.2 EXPANSIONS	263
17.3 AGREEMENTS	263
17.4 RECOGNITIONS	263
17.5 COLLABORATION	264
17.6 NEW LAUNCHES/PRODUCTS	265
17.7 ACQUISITIONS	265
17.8 PRESENTATION	266
17.9 NEW PRODUCTION BUILDING	266
17.10 INVESTMENT	266
18 COMPANY PROFILE	267
18.1 SOLVAY	267
18.1.1 COMPANY SNAPSHOT	267
18.1.2 PRODUCTION CAPACITY	267
18.1.3 SWOT	268
18.1.4 REVENUE ANALYSIS	268
18.1.5 COMPANY SHARE ANALYSIS	269
18.1.6 PRODUCT PORTFOLIO	269
18.1.7 RECENT DEVELOPMENT	269
18.2 EUROCHEM GROUP	270
18.2.1 COMPANY SNAPSHOT	270
18.2.2 PRODUCTION CAPACITY	270
18.2.3 SWOT	271
18.2.4 COMPANY SHARE ANALYSIS	272
18.2.5 PRODUCT PORTFOLIO	272
18.2.6 RECENT DEVELOPMENT	272
18.3 PHOSAGRO GROUP OF COMPANIES	273
18.3.1 COMPANY SNAPSHOT	273
18.3.2 PRODUCTION CAPACITY	273
18.3.3 SWOT	274
18.3.4 REVENUE ANALYSIS	274
18.3.5 COMPANY SHARE ANALYSIS	275
18.3.6 PRODUCT PORTFOLIO	275
18.3.7 RECENT DEVELOPMENT	275
18.4 MA'ADEN	276
18.4.1 COMPANY SNAPSHOT	276
18.4.2 PRODUCTION CAPACITY	276
18.4.3 SWOT	277
18.4.4 REVENUE ANALYSIS	277
18.4.5 COMPANY SHARE ANALYSIS	278
18.4.6 PRODUCT PORTFOLIO	278
18.4.7 RECENT DEVELOPMENTS	278
18.5 OCP	279
18.5.1 COMPANY SNAPSHOT	279
18.5.2 PRODUCTION CAPACITY	279
18.5.3 SWOT	280
18.5.4 COMPANY SHARE ANALYSIS	281

**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)

18.5.5	PRODUCT PORTFOLIO	281
18.5.6	RECENT DEVELOPMENT	281
18.6	ADITYA BIRLA MANAGEMENT CORPORATION PVT. LTD.	282
18.6.1	COMPANY SNAPSHOT	282
18.6.2	SWOT	283
18.6.3	REVENUE ANALYSIS	283
18.6.4	PRODUCT PORTFOLIO	284
18.6.5	RECENT DEVELOPMENT	284
18.7	AIREDALE CHEMICAL COMPANY LIMITED	285
18.7.1	COMPANY SNAPSHOT	285
18.7.2	SWOT	285
18.7.3	PRODUCT PORTFOLIO	286
18.7.4	RECENT DEVELOPMENT	286
18.8	ANEXIB CHEMICALS	287
18.8.1	COMPANY SNAPSHOT	287
18.8.2	SWOT	287
18.8.3	PRODUCT PORTFOLIO	288
18.8.4	RECENT DEVELOPMENT	288
18.9	ANHUI GUANGXIN AGROCHEMICAL CO., LTD.	289
18.9.1	COMPANY SNAPSHOT	289
18.9.2	SWOT	289
18.9.3	PRODUCT PORTFOLIO	290
18.9.4	RECENT DEVELOPMENTS	290
18.10	EXCEL INDUSTRIES LTD. (2022)	291
18.10.1	COMPANY SNAPSHOT	291
18.10.2	SWOT	292
18.10.3	REVENUE ANALYSIS	292
18.10.4	PRODUCT PORTFOLIO	293
18.10.5	RECENT DEVELOPMENT	293
18.11	FUTONG CHEMICAL CO., LTD	294
18.11.1	COMPANY SNAPSHOT	294
18.11.2	SWOT	294
18.11.3	PRODUCT PORTFOLIO	295
18.11.4	RECENT DEVELOPMENT	295
18.12	ICL	296
18.12.1	COMPANY SNAPSHOT	296
18.12.2	SWOT	297
18.12.3	REVENUE ANALYSIS	297
18.12.4	PRODUCT PORTFOLIO	298
18.12.5	RECENT DEVELOPMENTS	298
18.13	INNOPHOS	299
18.13.1	COMPANY SNAPSHOT	299
18.13.2	SWOT	299
18.13.3	PRODUCT PORTFOLIO	300
18.13.4	RECENT DEVELOPMENT	300
18.14	JORDAN PHOSPHATE MINES COMPANY (PLC)	301
18.14.1	COMPANY SNAPSHOT	301

**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)

18.14.2 SWOT 302  
18.14.3 REVENUE ANALYSIS 302  
18.14.4 PRODUCT PORTFOLIO 303  
18.14.5 RECENT DEVELOPMENT 303  
18.15 KAZPHOSPHATE LLC 304  
18.15.1 COMPANY SNAPSHOT 304  
18.15.2 SWOT 304  
18.15.3 PRODUCT PORTFOLIO 305  
18.15.4 RECENT DEVELOPMENT 305  
18.16 LANXESS 306  
18.16.1 COMPANY SNAPSHOT 306  
18.16.2 SWOT 307  
18.16.3 REVENUE ANALYSIS 307  
18.16.4 PRODUCT PORTFOLIO 308  
18.16.5 RECENT DEVELOPMENTS 308  
18.17 MOSAIC 309  
18.17.1 COMPANY SNAPSHOT 309  
18.17.2 SWOT 310  
18.17.3 REVENUE ANALYSIS 311  
18.17.4 PRODUCT PORTFOLIO 312  
18.17.5 RECENT DEVELOPMENT 312  
18.18 NIPPON CHEMICAL INDUSTRIAL CO., LTD. 313  
18.18.1 COMPANY SNAPSHOT 313  
18.18.2 SWOT 314  
18.18.3 REVENUE ANALYSIS 314  
18.18.4 PRODUCT PORTFOLIO 315  
18.18.5 RECENT DEVELOPMENTS 315  
18.19 NUTRIEN LTD. (2022) 316  
18.19.1 COMPANY SNAPSHOT 316  
18.19.2 SWOT 317  
18.19.3 REVENUE ANALYSIS 317  
18.19.4 PRODUCT PORTFOLIO 318  
18.19.5 RECENT DEVELOPMENT 318

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

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

www.scotts-international.com

**APAC Phosphorus and Derivatives Market - Industry Trends and Forecast to 2030**

Market Report | 2023-03-01 | 337 pages | Data Bridge 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
	Single User License	\$3500.00
	Corporate Users License	\$4200.00
		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"/>
		Date	<input type="text" value="2026-03-17"/>
		Signature	<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