

High-Purity Sulfuric Acid Market by Grade (PPB, PPT), Application (Cleaning, Etching), End-Use Industry (Semiconductor & Electronics, Pharmaceuticals) - Global Forecast to 2030

Market Report | 2025-04-07 | 229 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The High-Purity Sulfuric Acid market size is projected to grow from USD 0.50 billion in 2024 to USD 0.67 billion by 2030, registering a CAGR of 6.1% during the forecast period.

The market of high-purity sulfuric acid is growing largely due to its vital uses in the semiconductor & electronics sector as well as in the pharmaceutical segment for cleaning processes, etching processes, and refining processes. High-purity sulfuric acid, with minimum impurities, plays a major role in making microelectronics, circuit boards, and integrated chips, and as such, becomes invaluable in the fast-growing semiconductor sector. With increasing demand for sophisticated consumer electronics, 5G network equipment, and AI-enabled devices, the growth of the semiconductor industry is directly driving the market for high-purity sulfuric acid. Moreover, the pharmaceutical industry uses the acid for washing equipment and precise production of active pharmaceutical ingredients (APIs), hence supporting the growth of the market.

" PPB accounted for the fastest growing in grade segment of High-Purity Sulfuric Acid market in terms of value."

PPB (Parts Per Billion) grade is the growth-leading segment within the high-purity sulfuric acid market based on its expanding application in next-generation semiconductor production, advanced electronics, and pharma applications. Unlike lower grades of sulfuric acid, PPB-grade sulfuric acid has ultra-low contamination levels, and that is what makes it an indispensable commodity for manufacturing next-generation microchips, where trace metal impurities at any level could lead to defects. As semiconductor nodes decrease to 5nm and even smaller, chip makers need ultra-pure chemicals to keep yields high and performance optimal. Increasing demand for AI processors, 5G chips, and high-density memory has driven investment in advanced semiconductor manufacturing facilities, especially in the Asia-Pacific region the epicenter of semiconductor manufacturing. PPB-grade sulfuric acid is also gaining use in the pharmaceutical sector, where pure chemicals are demanded by stringent GMP standards for drug

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

formulation and delicate cleansing. Governments and businesses are increasing R&D spending to produce even more refined and contamination-free chemicals, and again augmenting the use of PPB-grade sulfuric acid. The growing requirement for high-reliability and contamination-free electronic devices, and greater purity requirements in several industries, make the PPB segment the highest-growing segment in the high-purity sulfuric acid market

"Etching accounted for the fastest growing in Application segment of High-Purity Sulfuric Acid market in terms of value."

The etching segment is most likely the fastest-developing in the market for high-purity sulfuric acid since it is so essential to the semiconductor industry, wherein precision is the name of the game. With electronics shrinking in size and becoming more complicated, the demand mounts for high-tech etching processes that utilize high-purity chemicals. Although used primarily in the cleaning of silicon wafers after etching, the cleaning is crucial for wafer purity and thereby indirectly propelling demand within the etching market. The rapid expansion of the etching market within the business for high-purity sulfuric acid is something to be kept an eye on, particularly in its use for semiconductor manufacturing and other industrial applications. The conversation here investigates reasons for the trend, through exploring market demand and supply conditions, technology, and specific application in related processes for high-purity sulfuric acid.

"Pharmaceutical accounted for the for the fastest growing in end-use industry segment of High-Purity Sulfuric Acid market in terms of value."

The pharmaceutical industry is growing exponentially as one of the large end-use industries in the high-purity sulfuric acid market. It is due to the fact that it is a critical component in the manufacture of drugs, where it is used as a cleaning agent, pH adjuster, and catalyst in chemical synthesis. The increased demand for drugs, influenced by the spread of chronic disease and the consequent increase in healthcare needs, has led to the enhanced consumption of high-purity sulfuric acid. Industry regulatory needs for high purity to be maintained at the level of drug manufacturing has also focused greater attention on using ultra-pure chemicals. Increased dependence on high-purity sulfuric acid for quality and precision has also been driven by the expansion of biopharmaceuticals, individualized medicine, and advanced drug formulation. India and China, having enormous pharmaceutical production capacity, are setting up high-purity chemical plants to supply globally acceptable quality. Expanded manufacture of vaccines and specialty drugs, especially in response to global health concerns, has further fueled demand.

"Asia pacific is the fastest growing market for High-Purity Sulfuric Acid ."

The Asia Pacific is the fastest-growing market for high-purity sulfuric acid due to its booming semiconductor and electronics industry, which is the largest consumer of the chemical. China, South Korea, Taiwan, and Japan are leading the globe in semiconductor manufacturing, and they require high-purity sulfuric acid for wafer washing, etching, and other exact processes. The area also benefits from rising investments in pharma production, specifically in India and China, where the need for ultra-pure chemicals is growing with stringent quality regulations. Furthermore, the development of advanced technologies, such as 5G, artificial intelligence, and electric vehicles, has also propelled the need for semiconductor components, subsequently increasing the demand for high-purity sulfuric acid.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the High-Purity Sulfuric Acid market, and information was gathered from secondary research to determine and verify the market size of several segments.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- By Company Type: Tier 1 - 50%, Tier 2 - 30%, and Tier 3 - 20%
- By Designation: Managers- 15%, Directors - 20%, and Others - 65%
- By Region: North America - 25%, Europe - 15%, APAC - 55%, Rest of the World -5%.

The High-Purity Sulfuric Acid market comprises major Sumitomo Chemical Co., Ltd. (Japan), KANTO KAGAKU (Japan), LS MnM Inc. (South Korea), FUJIFILM Wako Pure Chemical Corporation (Japan), BASF (Germany), PVS Chemicals (US), Chemtrade Logistics (Canada), KOREA ZINC (South Korea), LANXESS (Germany), GRILLO-Werke AG (Germany), Huizhou Bailihong Holdings Co., Ltd. (China), Avantor, Inc. (US), Merck KGaA (Germany) . The study includes in-depth competitive analysis of these key players in the High-Purity Sulfuric Acid market, with their company profiles, recent developments, and key market strategies.

Research Coverage

This report segments the market for High-Purity Sulfuric Acid market on the basis of grade, application, end-use industry, and region, and provides estimations for the overall value of the market across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, and expansions associated with the market for High-Purity Sulfuric Acid market.

Key benefits of buying this report

This research report is focused on various levels of analysis - industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view of the competitive landscape; emerging and high-growth segments of the High-Purity Sulfuric Acid market; high-growth regions; and market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

- Analysis of drivers: (Surge in demand from semiconductor and electronics industries), restraints (Complex production, high manufacturing costs, and stringent safety & environmental regulations), opportunities (Advancements in production processes), and challenges (Contamination risks due to penetration of metallic ions) influencing the growth of High-Purity Sulfuric Acid market.
- Market Penetration: Comprehensive information on the High-Purity Sulfuric Acid market offered by top players in the global High-Purity Sulfuric Acid market.
- Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, new product launches, expansions, and partnerships in the High-Purity Sulfuric Acid market.
- Market Development: Comprehensive information about lucrative emerging markets the report analyzes the markets for High-Purity Sulfuric Acid market across regions.
- Market Capacity: Production capacities of companies producing High-Purity Sulfuric Acid are provided wherever available with upcoming capacities for the High-Purity Sulfuric Acid market.
- Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the High-Purity Sulfuric Acid market.

Table of Contents:

1□INTRODUCTION□23

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

1.1	STUDY OBJECTIVES	23
1.2	MARKET DEFINITION	23
1.3	STUDY SCOPE	24
1.3.1	MARKETS COVERED AND REGIONAL SNAPSHOT	24
1.3.2	INCLUSIONS & EXCLUSIONS OF STUDY	25
1.3.3	YEARS CONSIDERED	25
1.4	CURRENCY CONSIDERED	26
1.5	UNITS CONSIDERED	26
1.6	LIMITATIONS	26
1.7	STAKEHOLDERS	26
2	RESEARCH METHODOLOGY	27
2.1	RESEARCH DATA	27
2.1.1	SECONDARY DATA	28
2.1.1.1	Key data from secondary sources	28
2.1.2	PRIMARY DATA	28
2.1.2.1	Key data from primary sources	29
2.1.2.2	Key primary sources	29
2.1.2.3	Key participants for primary interviews	30
2.1.2.4	Breakdown of primary interviews	30
2.1.2.5	Key industry insights	30
2.2	BASE NUMBER CALCULATION	31
2.2.1	SUPPLY-SIES ANALYSIS	31
2.2.2	DEMAND-SIES ANALYSIS	31
2.3	GROWTH FORECAST	32
2.3.1	SUPPLY SIDE	32
2.3.2	DEMAND SIDE	32
2.4	MARKET SIZE ESTIMATION	32
2.4.1	BOTTOM-UP APPROACH	33
2.4.2	TOP-DOWN APPROACH	34
2.5	DATA TRIANGULATION	34
2.6	RESEARCH ASSUMPTIONS	36
2.7	GROWTH FORECAST	36
2.8	RISK ASSESSMENT	37
2.9	FACTOR ANALYSIS	37
3	EXECUTIVE SUMMARY	38
4	PREMIUM INSIGHTS	42
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN HIGH-PURITY SULFURIC ACID MARKET	42
4.2	HIGH-PURITY SULFURIC ACID MARKET, BY GRADE	43
4.3	HIGH-PURITY SULFURIC ACID MARKET, BY APPLICATION	43
4.4	HIGH-PURITY SULFURIC ACID MARKET, BY END-USE INDUSTRY	44
4.5	HIGH-PURITY SULFURIC ACID MARKET, BY COUNTRY	44
5	MARKET OVERVIEW	45
5.1	INTRODUCTION	45
5.2	MARKET DYNAMICS	45
5.2.1	DRIVERS	46
5.2.1.1	Surge in demand from semiconductor and electronics industries	46
5.2.1.2	Rising demand from pharmaceutical and renewable energy industries	46

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 5.2.1.3 Critical for maintaining high product quality and minimizing costly defects 47
- 5.2.2 RESTRAINTS 47
 - 5.2.2.1 Complex production, high manufacturing costs, and stringent safety & environmental regulations 47
- 5.2.3 OPPORTUNITIES 48
 - 5.2.3.1 Advancements in production processes 48
- 5.2.4 CHALLENGES 48
 - 5.2.4.1 Contamination risks due to penetration of metallic ions 48
- 5.3 IMPACT OF GENERATIVE AI 49
 - 5.3.1 INTRODUCTION 49
 - 5.3.2 USE OF GENERATIVE AI IN HIGH-PURITY SULFURIC ACID MARKET 50
 - 5.3.3 IMPACT OF AI ON HIGH-PURITY SULFURIC ACID MARKET 50
- 6 INDUSTRY TRENDS 51
 - 6.1 INTRODUCTION 51
 - 6.2 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS 51
 - 6.3 SUPPLY CHAIN ANALYSIS 52
 - 6.4 INVESTMENT AND FUNDING SCENARIO 55
 - 6.5 PRICING ANALYSIS 55
 - 6.5.1 AVERAGE SELLING PRICE TREND, BY REGION 56
 - 6.5.2 AVERAGE SELLING PRICE TREND, BY GRADE 56
 - 6.5.3 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY GRADE 57
 - 6.6 ECOSYSTEM ANALYSIS 57
 - 6.7 TECHNOLOGY ANALYSIS 59
 - 6.7.1 KEY TECHNOLOGIES 59
 - 6.7.2 COMPLEMENTARY TECHNOLOGIES 60
 - 6.8 PATENT ANALYSIS 60
 - 6.8.1 METHODOLOGY 60
 - 6.8.2 GRANTED PATENTS 61
 - 6.8.2.1 Patent publication trends 61
 - 6.8.3 INSIGHTS 62
 - 6.8.4 LEGAL STATUS 62
 - 6.8.5 JURISDICTION ANALYSIS 62
 - 6.8.6 TOP APPLICANTS 63
 - 6.9 TRADES ANALYSIS 67
 - 6.9.1 IMPORT SCENARIO (HS COES 280700) 67
 - 6.9.2 EXPORT SCENARIO (HS COES 280700) 68
 - 6.10 KEY CONFERENCES AND EVENTS 69
 - 6.11 TARIFF AND REGULATORY LANDSCAPE 70
 - 6.11.1 TARIFF ANALYSIS 70
 - 6.11.2 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 72
 - 6.11.3 STANDARDS AND REGULATIONS 74
 - 6.12 PORTER'S FIVE FORCES ANALYSIS 74
 - 6.12.1 THREAT OF NEW ENTRANTS 76
 - 6.12.2 THREAT OF SUBSTITUTES 76
 - 6.12.3 BARGAINING POWER OF SUPPLIERS 76
 - 6.12.4 BARGAINING POWER OF BUYERS 77
 - 6.12.5 INTENSITY OF COMPETITIVE RIVALRY 77

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

6.13	KEY STAKEHOLDERS AND BUYING CRITERIA	78
6.13.1	KEY STAKEHOLDERS IN BUYING PROCESS	78
6.13.2	BUYING CRITERIA	79
6.14	MACROECONOMIC OUTLOOK	79
6.14.1	GDP TRENDS AND FORECASTS, BY COUNTRY	80
6.15	CASE STUDY ANALYSIS	80
6.15.1	DEVELOPING CIRCULAR ECONOMY SYSTEM FOR ELECTRONIC-GRADES SULFURIC ACID	80
6.15.2	BUILDING MOBILE CLEANROOM FOR ELECTRONIC-GRADES SULFURIC ACID PRODUCTION	81
7	HIGH-PURITY SULFURIC ACID MARKET, BY GRADE	83
7.1	INTRODUCTION	84
7.2	PPB	85
7.2.1	CRUCIAL ROLE IN TRACE METAL ANALYSIS TECHNIQUES TO PROPEL MARKET	85
7.3	PPT	86
7.3.1	PRODUCTION OF HIGH-END MICROCHIPS, DISPLAY PANELS, AND NEXT-GENERATION INTEGRATED CIRCUITS TO DRIVE DEMAND	86
	?	
8	HIGH-PURITY SULFURIC ACID MARKET, BY APPLICATION	87
8.1	INTRODUCTION	88
8.2	CLEANING	89
8.2.1	INCREASING MINIATURIZATION OF SEMICONDUCTOR DEVICES TO DRIVE MARKET GROWTH	89
8.3	ETCHING	90
8.3.1	KEY ROLE IN PRECISELY REMOVING MATERIAL LAYERS FROM SURFACES TO DRIVE ADOPTION	90
8.4	OTHER APPLICATIONS	90
8.4.1	TRACE METAL ANALYSIS	90
8.4.2	SYNTHESIS	90
9	HIGH-PURITY SULFURIC ACID MARKET, BY END-USE INDUSTRY	91
9.1	INTRODUCTION	92
9.2	SEMICONDUCTOR & ELECTRONICS	93
9.2.1	INCREASING INVESTMENTS IN ADVANCED FABRICATION PLANTS TO DRIVE MARKET	93
9.3	PHARMACEUTICAL	95
9.3.1	GROWTH IN GLOBAL PHARMACEUTICAL INDUSTRY TO DRIVE MARKET	95
9.4	OTHER END-USE INDUSTRIES	95
9.4.1	FOOD INDUSTRY	95
9.4.2	CHEMICAL INDUSTRY	95
10	HIGH-PURITY SULFURIC ACID MARKET, BY REGION	96
10.1	INTRODUCTION	97
10.2	ASIA PACIFIC	99
10.2.1	TRUMP IMPACT	99
10.2.2	CHINA	105
10.2.2.1	Robust electronics industry to drive market	105
10.2.3	JAPAN	106
10.2.3.1	Government investments and innovation initiatives to propel market	106
10.2.4	TAIWAN	108
10.2.4.1	Government initiatives and major investments in high-tech manufacturing to support market growth	108
10.2.5	SOUTH KOREA	109
10.2.5.1	Strong demand from electronics industries to drive market	109
10.2.6	INDIA	111

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

10.2.6.1	Rapidly growing semiconductor industry to drive market	111
10.2.7	REST OF ASIA PACIFIC	113
10.3	NORTH AMERICA	115
10.3.1	TRUMP IMPACT	115
10.3.2	US	121
10.3.2.1	Growing need for high-purity chemicals in advanced manufacturing to drive market	121
10.3.3	CANADA	122
10.3.3.1	Growth in semiconductor manufacturing to drive demand	122
10.3.4	MEXICO	124
10.3.4.1	Rising FDI and government initiatives to support market growth	124
10.4	EUROPE	125
10.4.1	TRUMP IMPACT	125
10.4.2	GERMANY	131
10.4.2.1	Significant investments in semiconductor manufacturing and growing pharmaceutical sector to drive market	131
10.4.3	FRANCE	132
10.4.3.1	Rising semiconductor and electronics production to propel market	132
10.4.4	POLAND	134
10.4.4.1	Increased investments in semiconductor industry to drive market	134
10.4.5	NETHERLANDS	135
10.4.5.1	Rising investments in semiconductor, electronics, and pharmaceutical industries to support market growth	135
10.4.6	REST OF EUROPE	137
10.5	REST OF THE WORLD	139
10.5.1	TURKEY	143
10.5.1.1	Rapid expansion of semiconductor and renewable energy sectors to drive demand	143
10.5.2	ISRAEL	144
10.5.2.1	Increasing FDI in semiconductor manufacturing to propel market	144
10.5.3	SOUTH AFRICA	146
10.5.3.1	Increasing investments in technology and industrial infrastructure to support market growth	146
10.5.4	REST OF ROW	147
11	COMPETITIVE LANDSCAPE	150
11.1	INTRODUCTION	150
11.2	KEY PLAYER STRATEGIES/RIGHT TO WIN	150
11.3	MARKET SHARE ANALYSIS	153
11.4	REVENUE ANALYSIS	155
11.5	BRAND/PRODUCT COMPARATIVE ANALYSIS	156
11.6	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024	158
11.6.1	STARS	158
11.6.2	EMERGING LEADERS	158
11.6.3	PERVASIVE PLAYERS	158
11.6.4	PARTICIPANTS	158
11.6.5	COMPANY FOOTPRINT: KEY PLAYERS, 2024	160
11.6.5.1	Company footprint	160
11.6.5.2	Application footprint	161
11.6.5.3	End-use industry footprint	162
11.6.5.4	Grade footprint	163
11.6.5.5	Region footprint	164
11.7	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024	165

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

11.7.1	PROGRESSIVE COMPANIES	165
11.7.2	RESPONSIVE COMPANIES	165
11.7.3	DYNAMIC COMPANIES	165
11.7.4	STARTING BLOCKS	165
11.7.5	COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024	167
11.7.5.1	Detailed list of key startups/SMEs, 2024	167
11.7.5.2	Competitive benchmarking of key startups/SMEs	168
11.7.6	COMPANY VALUATION AND FINANCIAL METRICS	169
11.8	COMPETITIVE SCENARIO	170
11.8.1	DEALS	170
11.8.2	EXPANSIONS	172
11.8.3	OTHER DEVELOPMENTS	173
12	COMPANY PROFILES	174
12.1	KEY PLAYERS	174
12.1.1	SUMITOMO CHEMICAL CO., LTD.	174
12.1.1.1	Business overview	174
12.1.1.2	Products offered	175
12.1.1.3	Recent developments	176
12.1.1.3.1	Deals	176
12.1.1.3.2	Expansions	176
12.1.1.3.3	Other developments	176
12.1.1.4	MnM view	177
12.1.1.4.1	Key strengths	177
12.1.1.4.2	Strategic choices	177
12.1.1.4.3	Weaknesses and competitive threats	177
12.1.2	BASF	178
12.1.2.1	Business overview	178
12.1.2.2	Products offered	179
12.1.2.3	Recent developments	180
12.1.2.3.1	Deals	180
12.1.2.4	MnM view	180
12.1.2.4.1	Key strengths	180
12.1.2.4.2	Strategic choices	181
12.1.2.4.3	Weaknesses and competitive threats	181
?		
12.1.3	KANTO KAGAKU	182
12.1.3.1	Business overview	182
12.1.3.2	Products offered	182
12.1.3.3	Recent developments	183
12.1.3.3.1	Deals	183
12.1.3.4	MnM view	183
12.1.3.4.1	Key strengths	183
12.1.3.4.2	Strategic choices	183
12.1.3.4.3	Weaknesses and competitive threats	183
12.1.4	LS MNM INC.	184
12.1.4.1	Business overview	184
12.1.4.2	Products offered	185

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

12.1.4.3	MnM view	186
12.1.4.3.1	Key strengths	186
12.1.4.3.2	Strategic choices	186
12.1.4.3.3	Weaknesses and competitive threats	186
12.1.5	CHEMTRAES LOGISTICS	187
12.1.5.1	Business overview	187
12.1.5.2	Products offered	188
12.1.5.3	Recent developments	189
12.1.5.3.1	Deals	189
12.1.5.3.2	Expansions	189
12.1.5.4	MnM view	189
12.1.5.4.1	Key strengths	189
12.1.5.4.2	Strategic choices	190
12.1.5.4.3	Weaknesses and competitive threats	190
12.1.6	FUJIFILM WAKO PURE CHEMICAL CORPORATION	191
12.1.6.1	Business overview	191
12.1.6.2	Products offered	192
12.1.6.3	Recent developments	193
12.1.6.3.1	Deals	193
12.1.6.4	MnM view	193
12.1.6.4.1	Key strengths	193
12.1.6.4.2	Strategic choices	193
12.1.6.4.3	Weaknesses and competitive threats	194
12.1.7	PVS CHEMICALS	195
12.1.7.1	Business overview	195
12.1.7.2	Products offered	195
12.1.7.3	Recent developments	196
12.1.7.3.1	Deals	196
12.1.7.3.2	Other developments	196
12.1.7.4	MnM view	197
12.1.7.4.1	Key strengths	197
12.1.7.4.2	Strategic choices	197
12.1.7.4.3	Weaknesses and competitive threats	197
12.1.8	KOREAZINC	198
12.1.8.1	Business overview	198
12.1.8.2	Products offered	199
12.1.8.3	Recent developments	199
12.1.8.3.1	Other developments	199
12.1.8.4	MnM view	199
12.1.8.4.1	Key strengths	199
12.1.8.4.2	Strategic choices	200
12.1.8.4.3	Weaknesses and competitive threats	200
12.1.9	LANXESS	201
12.1.9.1	Business overview	201
12.1.9.2	Products offered	202
12.1.9.3	Recent developments	203
12.1.9.3.1	Expansions	203

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

12.1.9.4	MnM view	203
12.1.9.4.1	Key strengths	203
12.1.9.4.2	Strategic choices	203
12.1.9.4.3	Weaknesses and competitive threats	204
12.1.10	GRILLO-WERKE AG	205
12.1.10.1	Business overview	205
12.1.10.2	Products offered	205
12.1.10.3	MnM view	206
12.1.10.3.1	Key strengths	206
12.1.10.3.2	Strategic choices	206
12.1.10.3.3	Weaknesses and competitive threats	206
12.1.11	HUIZHOU BAILIHONG HOLDINGS CO., LTD.	207
12.1.11.1	Business overview	207
12.1.11.2	Products offered	207
12.1.11.3	MnM view	208
12.1.11.3.1	Key strengths	208
12.1.11.3.2	Strategic choices	208
12.1.11.3.3	Weaknesses and competitive threats	208
12.1.12	AVANTOR, INC.	209
12.1.12.1	Business overview	209
12.1.12.2	Products offered	210
12.1.12.3	Recent developments	211
12.1.12.3.1	Other developments	211
12.1.12.4	MnM view	211
12.1.12.4.1	Key strengths	211
12.1.12.4.2	Strategic choices	211
12.1.12.4.3	Weaknesses and competitive threats	211
12.1.13	MERCK KGAA	212
12.1.13.1	Business overview	212
12.1.13.2	Products offered	213
12.1.13.3	Recent developments	214
12.1.13.3.1	Deals	214
12.1.13.4	MnM view	214
12.1.13.4.1	Key strengths	214
12.1.13.4.2	Strategic choices	214
12.1.13.4.3	Weaknesses and competitive threats	214
12.2	OTHER PLAYERS	215
12.2.1	ASIA UNION ELECTRONIC CHEMICAL CORP.	215
12.2.2	TAMA CHEMICALS CO., LTD	216
12.2.3	CRYSTAL CLEAR ELECTRONIC MATERIAL CO., LTD.	217
12.2.4	NUOVA SOLMINE	217
12.2.5	ANHUI HUAERTAI CHEMICAL CO., LTD.	218
12.2.6	RCI LABSCAN LIMITED	219
12.2.7	SPECTRUM CHEMICAL	219
12.2.8	CHUNG HWA CHEMICAL INDUSTRIAL WORKS, LTD.	220
12.2.9	DONAU CHEMIE AG	220
12.2.10	TAYCA CO., LTD.	221

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

12.2.11 SCHARLAB S.L. 221

12.2.12 MARCHI INDUSTRIALE 222

13 APPENDIX 223

13.1 DISCUSSION GUIDE 223

13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL 225

13.3 CUSTOMIZATION OPTIONS 227

13.4 RELATED REPORTS 227

13.5 AUTHOR DETAILS 228

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

High-Purity Sulfuric Acid Market by Grade (PPB, PPT), Application (Cleaning, Etching), End-Use Industry (Semiconductor & Electronics, Pharmaceuticals) - Global Forecast to 2030

Market Report | 2025-04-07 | 229 pages | MarketsandMarkets

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	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		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

2026-03-05

Signature

A large, empty rectangular box with a black border, 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