

Hydrochloric Acid Market by Grade (Synthetic, By-product), Application, End-use Industry (Food & Beverage, Pharmaceutical, Textile, Steel, Oil & Gas, Chemical), Region (North America, Europe, APAC, MEA, South America) - Global Forecast to 2027

Market Report | 2022-09-13 | 222 pages | MarketsandMarkets

AVAILABLE LICENSES:

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

Report description:

The hydrochloric acid market is projected to grow from USD 2.5 Billion in 2022 to USD 3.4 Billion by 2027, at a CAGR of 6.6% during the forecast period. Hydrochloric acid is utilized in production of organic & inorganic compounds, PVC (polyvinyl chloride), steel pickling, food processing, and others. Steady growth in steel and food & beverage industry, expects to drive further propel the demand of hydrochloric acid, during the forecast period. However, hydrochloric acid is highly volatile and corrosive; therefore, many governments have imposed regulations regarding the impact on environmental pollution and storage & transport of hydrochloric acid, which restrains the market.

"By Grade, by-product is largest market for hydrochloric acid during forecast period"

By-product grade accounts for largest market share for hydrochloric acid. By-product is primarily used in the mining sector for ore extraction, the production of biofuels, oils, and lubricants, as well as refinement procedures. Hydrochloric acid is used in metalworking for pickling steel, aluminum, titanium, and magnesium and to clean metal surfaces during galvanizing processes.

"By Application, Steel Pickling account for larger share during forecast period"

Steel pickling is account for largest market share by application for hydrochloric acid market. Hydrochloric acid is used in pickling operations for carbon, alloy, and stainless steel. Steel pickling is the process by which iron oxides and scale are removed from the surface of steel by converting the oxides to soluble compounds. Pickling is required for steel products that undergo further processing, such as wire production, coating of sheets and strips, and tin mill products. Hydrochloric acid is used primarily for continuous pickling operations in which hot-rolled strip steel passes through a counter-current flow of acid solution. Hydrochloric

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

acid is used in aluminum etching, metal prefixing for galvanizing and soldering, and metal cleaning.

"Asia Pacific account for largest share by region in hydrochloric acid market"

APAC is to be the world's largest and fastest-growing market during the forecast period. The growth was led by rapidly growing economies such as India and China and emerging Southeast Asian countries such as Thailand and Indonesia. Increasing government spending on infrastructure activities and rapid industrialization and the growing demand from end-use industries such as steel, chemicals, oil & gas, and food & beverage in these countries are significant drivers of the hydrochloric acid market. Extensive primary interviews were conducted to determine and verify the market size for several segments and sub-segments and information gathered through secondary research.

The break-up of primary interviews is given below:

By Company type: Tier1:30% Tier2:50% Tier3:20%

By Designation: C-level executives: 20% Directors: 20% and Others: 60%

By region: North America: 20% Europe: 40% APAC: 30% Middle East & Africa: 5% South America: 5%

Notes: Others include sales, marketing, and product managers.

Tier 1: >USD 1 Billion; Tier 2: USD 500 million-1 Billion; and Tier 3: <USD 500 million

The companies profiled in this market research report include are BASF SE (Germany), Covestro AG (Germany), Olin Corporation (US), Westlake Chemical Corporation (US), Occidental Petroleum Corporation (US), Formosa Plastics Corporation (Taiwan), Tata Chemicals Limited (India), AGC Chemicals (Japan), ERCO Worldwide (Canada), Detrex Corporation (US), among others.

Research Coverage:

This research report categorizes the hydrochloric acid market on the basis of grade, application, end-use industry, and region. The report includes detailed information regarding the major factors influencing the growth of the hydrochloric acid market, such as drivers, restraints, challenges, and opportunities. A detailed analysis of the key industry players has been done to provide insights into business overviews, products & services, key strategies, expansions, new product developments, and recent developments associated with the market.

Reasons to Buy the Report

The report will help market leaders/new entrants in this market in the following ways:

1. This report segments the hydrochloric acid market comprehensively and provides the closest approximations of market sizes for the overall market and subsegments across verticals and regions.
2. The report will help stakeholders understand the pulse of the market and provide them information on the key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders understand the major competitors and gain insights to enhance their position in the business. The competitive landscape section includes expansions, new product developments, and joint ventures.

Table of Contents:

1	INTRODUCTION	33
1.1	STUDY OBJECTIVES	33
1.2	MARKET DEFINITION	33
1.3	INCLUSIONS AND EXCLUSIONS	34
TABLE 1 INCLUSIONS AND EXCLUSIONS		
1.4	MARKET SCOPE	34
FIGURE 1 HYDROCHLORIC ACID MARKET SEGMENTATION		
1.4.1	YEARS CONSIDERED	35
1.4.2	REGIONAL SCOPE	35
1.5	CURRENCY CONSIDERED	36
1.6	UNIT CONSIDERED	36
1.7	STAKEHOLDERS	36
1.8	LIMITATIONS	36

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

2	RESEARCH METHODOLOGY	37
2.1	RESEARCH DATA	37
	FIGURE 2	HYDROCHLORIC ACID MARKET: RESEARCH DESIGN
2.1.1	SECONDARY DATA	38
2.1.1.1	Key data from secondary sources	38
2.1.2	PRIMARY DATA	38
2.1.2.1	Key data from primary sources	39
2.1.2.2	Key industry insights	40
2.1.2.3	Breakdown of primary interviews	40
2.2	MARKET SIZE ESTIMATION	41
2.2.1	BOTTOM-UP APPROACH: BASED ON PRODUCTION OF HYDROCHLORIC ACID IN CHINA	41
	FIGURE 3	BOTTOM-UP APPROACH: BASED ON PRODUCTION OF HYDROCHLORIC ACID
2.2.2	SUPPLY-SIDE ESTIMATION: BASED ON PRODUCTION CAPACITY	41
	FIGURE 4	MARKET SIZE ESTIMATION: SUPPLY-SIDE ANALYSIS
2.3	DATA TRIANGULATION	42
	FIGURE 5	HYDROCHLORIC ACID MARKET: DATA TRIANGULATION
2.4	RESEARCH ASSUMPTIONS AND LIMITATIONS	43
2.4.1	ASSUMPTIONS	43
2.4.2	LIMITATIONS	44
2.4.3	GROWTH RATE ASSUMPTIONS	44
3	EXECUTIVE SUMMARY	45
	FIGURE 6	BY-PRODUCT GRADE ACCOUNTED FOR LARGER SHARE IN 2021
	FIGURE 7	STEEL PICKLING ACCOUNTED FOR LARGEST SHARE IN 2021
	FIGURE 8	CHEMICAL END-USE INDUSTRY ACCOUNTED FOR LARGEST SHARE IN 2021
	FIGURE 9	ASIA PACIFIC TO BE FASTEST-GROWING HYDROCHLORIC ACID MARKET
4	PREMIUM INSIGHTS	49
4.1	SIGNIFICANT OPPORTUNITIES IN HYDROCHLORIC ACID MARKET	49
	FIGURE 10	FOOD PROCESSING, STEEL PICKLING, AND ORE PROCESSING APPLICATIONS TO OFFER MARKET GROWTH OPPORTUNITIES
4.2	ASIA PACIFIC HYDROCHLORIC ACID MARKET, BY APPLICATION AND COUNTRY, 2021	49
	FIGURE 11	CHINA ACCOUNTED FOR LARGEST SHARE
4.3	HYDROCHLORIC ACID MARKET, BY GRADE	50
	FIGURE 12	BY-PRODUCT GRADE TO LEAD OVERALL HYDROCHLORIC ACID MARKET
4.4	HYDROCHLORIC ACID MARKET, BY APPLICATION	50
	FIGURE 13	STEEL PICKLING TO LEAD HYDROCHLORIC ACID MARKET
4.5	HYDROCHLORIC ACID MARKET, BY END-USE INDUSTRY	51
	FIGURE 14	CHEMICAL END-USE INDUSTRY TO LEAD HYDROCHLORIC ACID MARKET
4.6	HYDROCHLORIC ACID MARKET, BY COUNTRY	51
	FIGURE 15	CHINA TO BE FASTEST-GROWING MARKET FOR HYDROCHLORIC ACID
5	MARKET OVERVIEW	52
5.1	INTRODUCTION	52
5.2	MARKET DYNAMICS	52
	FIGURE 16	DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN HYDROCHLORIC ACID MARKET
5.2.1	DRIVERS	53
5.2.1.1	Increased demand for water & wastewater treatment	53
	TABLE 2	INDUSTRIAL DEMAND FOR WATER, BY CONTINENT
5.2.1.2	Steel pickling to drive demand for hydrochloric acid	54

5.2.1.3	Hydrochloric acid for inorganic compounds production	54
5.2.1.4	pH control and neutralization for end-use industries	54
5.2.1.5	Use of hydrochloric acid for regeneration of ion exchangers	55
5.2.2	RESTRAINTS	55
5.2.2.1	Storage system for hydrochloric acid	55
5.2.3	OPPORTUNITIES	55
5.2.3.1	Emerging countries offering significant growth opportunities	55
5.2.3.2	Increasing small-scale applications	56
5.2.3.3	Extensive laboratory use	56
5.2.4	CHALLENGES	56
5.2.4.1	Handling and safety considerations	56
5.2.4.2	Corrosive gaseous chlorine compounds	56
5.3	PORTER'S FIVE FORCES ANALYSIS	57
FIGURE 17 HYDROCHLORIC ACID MARKET: PORTER'S FIVE FORCES ANALYSIS		
5.3.1	BARGAINING POWER OF SUPPLIERS	58
5.3.2	BARGAINING POWER OF BUYERS	58
5.3.3	INTENSITY OF COMPETITIVE RIVALRY	58
5.3.4	THREAT OF NEW ENTRANTS	58
5.3.5	THREAT OF SUBSTITUTES	58
TABLE 3 HYDROCHLORIC ACID MARKET: PORTER'S FIVE FORCES ANALYSIS		
5.4	ECOSYSTEM MAPPING	59
5.5	TECHNOLOGY ANALYSIS	60
5.5.1	PRE-CONCENTRATION	60
5.5.2	MEDIUM CONCENTRATION	60
5.5.3	HIGH CONCENTRATION	60
5.5.4	HYDROCHLORIC ACID RECYCLING-PRODUCTION PROCESS APPLICATIONS	60
5.5.5	OXYGEN-DEPOLARIZED CATHODE (ODC) PROCESS	61
5.6	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	61
5.6.1	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR HYDROCHLORIC ACID	61
5.6.2	NIOSH RECOMMENDATIONS	62
5.6.3	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA)	62
5.7	PRICING ANALYSIS	62
5.7.1	HYDROCHLORIC ACID PRICE TREND FOR SECOND QUARTER OF 2022	62
5.7.1.1	Asia Pacific	62
5.7.1.2	Europe	63
5.7.1.3	North America	63
5.7.2	HYDROCHLORIC ACID PRICE TREND FOR FIRST, SECOND, AND THIRD QUARTERS OF 2021	63
5.7.2.1	Asia Pacific	63
5.7.2.2	Europe	63
5.7.2.3	North America	64
5.8	CASE STUDY ANALYSIS	64
TABLE 4 PRODUCTION OF BIODIESEL FROM LOW-GRADE CRUDE PALM OIL USING HYDROCHLORIC ACID		
5.9	TRADE ANALYSIS	65
TABLE 5 HYDROCHLORIC ACID EXPORTS, VALUE (BY COUNTRY), IN 2021		
TABLE 6 HYDROCHLORIC ACID IMPORTS, VALUE (BY COUNTRY), IN 2021		
TABLE 7 HYDROCHLORIC ACID EXPORTS, VOLUME (BY COUNTRY), IN 2021		
TABLE 8 HYDROCHLORIC ACID IMPORTS, VOLUME (BY COUNTRY), IN 2021		

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

5.10	TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES	68
5.11	TARIFF AND REGULATORY LANDSCAPE	69
5.11.1	RULES AND GUIDELINES PERTAINING TO HYDROCHLORIC ACID	69
5.11.2	HYDROCHLORIC ACID SAFETY DATA SHEET (SDS)	70
5.11.2.1	North American Regulatory Information	70
5.11.2.2	European Regulatory Information	71
5.11.2.3	Asia Pacific Regulatory Information	71
5.12	SUPPLY CHAIN ANALYSIS	72
FIGURE 18	SUPPLY CHAIN OF HYDROCHLORIC ACID MARKET	72
5.13	KEY STAKEHOLDERS & BUYING CRITERIA	73
5.13.1	KEY STAKEHOLDERS IN BUYING PROCESS	73
FIGURE 19	INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS	73
TABLE 9	INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR KEY END-USE INDUSTRIES (%)	73
5.13.2	BUYING CRITERIA	74
FIGURE 20	KEY BUYING CRITERIA FOR CHEMICAL AND STEEL END-USE INDUSTRIES	74
TABLE 10	KEY BUYING CRITERIA FOR HYDROCHLORIC ACID IN END-USE INDUSTRIES	74
5.14	KEY CONFERENCES & EVENTS IN 2022-2023	74
TABLE 11	HYDROCHLORIC ACID MARKET: DETAILED LIST OF CONFERENCES & EVENTS	75
5.15	PATENT ANALYSIS	75
5.15.1	INTRODUCTION	75
5.15.2	METHODOLOGY	76
5.15.3	DOCUMENT TYPE	76
FIGURE 21	NUMBER OF PATENTS FILED DURING LAST 11 YEARS	76
5.15.4	PUBLICATION TRENDS IN LAST 11 YEARS	77
FIGURE 22	YEAR-WISE DATA FOR NUMBER OF PATENTS PUBLISHED, 2011-2022	77
5.15.5	INSIGHTS	77
5.15.6	LEGAL STATUS OF PATENTS	77
FIGURE 23	LEGAL STATUS	77
5.15.7	JURISDICTION ANALYSIS	78
FIGURE 24	PATENT ANALYSIS FOR TOP 10 JURISDICTIONS, BY DOCUMENT	78
5.15.8	TOP APPLICANTS	78
FIGURE 25	TOP 10 COMPANIES/APPLICANTS WITH HIGHEST NUMBER OF PATENTS, 2011-2022	79
TABLE 12	PATENTS BY FUJIFILM CORP	79
TABLE 13	PATENTS BY BASF	80
TABLE 14	PATENTS BY HOFFMANN LA ROCHE	81
TABLE 15	TOP 10 PATENT OWNERS (US) DURING LAST 10 YEARS	81
6	HYDROCHLORIC ACID MARKET, BY GRADE	82
6.1	INTRODUCTION	82
FIGURE 26	BY-PRODUCT GRADE TO ACCOUNT FOR LARGER MARKET SHARE	82
TABLE 16	HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	82
TABLE 17	HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	82
6.2	SYNTHETIC GRADE	83
TABLE 18	SYNTHETIC GRADE HYDROCHLORIC ACID MARKET SIZE, BY REGION, 2020-2027 (KILOTON)	84
TABLE 19	SYNTHETIC GRADE HYDROCHLORIC ACID MARKET SIZE, BY REGION, 2020-2027 (USD MILLION)	84
6.3	BY-PRODUCT GRADE	84
TABLE 20	BY-PRODUCT GRADE HYDROCHLORIC ACID MARKET SIZE, BY REGION, 2020-2027 (KILOTON)	85
TABLE 21	BY-PRODUCT GRADE HYDROCHLORIC ACID MARKET SIZE, BY REGION, 2020-2027 (USD MILLION)	85

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

7 HYDROCHLORIC ACID MARKET, BY APPLICATION 86

7.1 INTRODUCTION 86

FIGURE 27 STEEL PICKLING TO ACCOUNT FOR LARGER MARKET SHARE 86

TABLE 22 HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 87

TABLE 23 HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 87

7.2 STEEL PICKLING 87

TABLE 24 HYDROCHLORIC ACID MARKET SIZE FOR STEEL PICKLING, BY REGION, 2020-2027 (KILOTON) 88

TABLE 25 HYDROCHLORIC ACID MARKET SIZE FOR STEEL PICKLING, BY REGION, 2020-2027 (USD MILLION) 88

7.3 OIL WELL ACIDIZING 88

TABLE 26 HYDROCHLORIC ACID MARKET SIZE FOR OIL WELL ACIDIZING, BY REGION, 2020-2027 (KILOTON) 89

TABLE 27 HYDROCHLORIC ACID MARKET SIZE FOR OIL WELL ACIDIZING, BY REGION, 2020-2027 (USD MILLION) 89

7.4 ORE PROCESSING 89

TABLE 28 HYDROCHLORIC ACID MARKET SIZE FOR ORE PROCESSING, BY REGION, 2020-2027 (KILOTON) 90

TABLE 29 HYDROCHLORIC ACID MARKET SIZE FOR ORE PROCESSING, BY REGION, 2020-2027 (USD MILLION) 90

7.5 FOOD PROCESSING 90

TABLE 30 HYDROCHLORIC ACID MARKET SIZE FOR FOOD PROCESSING, BY REGION, 2020-2027 (KILOTON) 91

TABLE 31 HYDROCHLORIC ACID MARKET SIZE FOR FOOD PROCESSING, BY REGION, 2020-2027 (USD MILLION) 91

7.6 POOL SANITATION 91

TABLE 32 HYDROCHLORIC ACID MARKET SIZE FOR POOL SANITATION, BY REGION, 2020-2027 (KILOTON) 91

TABLE 33 HYDROCHLORIC ACID MARKET SIZE FOR POOL SANITATION, BY REGION, 2020-2027 (USD MILLION) 92

7.7 CALCIUM CHLORIDE 92

TABLE 34 HYDROCHLORIC ACID MARKET SIZE FOR CALCIUM CHLORIDE, BY REGION, 2020-2027 (KILOTON) 92

TABLE 35 HYDROCHLORIC ACID MARKET SIZE FOR CALCIUM CHLORIDE, BY REGION, 2020-2027 (USD MILLION) 93

7.8 BIODIESEL 93

TABLE 36 HYDROCHLORIC ACID MARKET SIZE FOR BIODIESEL, BY REGION, 2020-2027 (KILOTON) 93

TABLE 37 HYDROCHLORIC ACID MARKET SIZE FOR BIODIESEL, BY REGION, 2020-2027 (USD MILLION) 94

7.9 OTHERS 94

TABLE 38 HYDROCHLORIC ACID MARKET SIZE FOR OTHER APPLICATIONS, BY REGION, 2020-2027 (KILOTON) 94

TABLE 39 HYDROCHLORIC ACID MARKET SIZE FOR OTHER APPLICATIONS, BY REGION, 2020-2027 (USD MILLION) 95

8 HYDROCHLORIC ACID MARKET, BY END-USE INDUSTRY 96

8.1 INTRODUCTION 96

FIGURE 28 CHEMICAL TO BE LARGEST SEGMENT OF HYDROCHLORIC ACID MARKET 96

TABLE 40 HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 96

TABLE 41 HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 97

8.2 FOOD & BEVERAGE 97

TABLE 42 HYDROCHLORIC ACID MARKET SIZE FOR FOOD & BEVERAGE, BY REGION, 2020-2027 (KILOTON) 98

TABLE 43 HYDROCHLORIC ACID MARKET SIZE FOR FOOD & BEVERAGE, BY REGION, 2020-2027 (USD MILLION) 98

8.3 PHARMACEUTICAL 98

TABLE 44 HYDROCHLORIC ACID MARKET SIZE FOR PHARMACEUTICAL, BY REGION, 2020-2027 (KILOTON) 99

TABLE 45 HYDROCHLORIC ACID MARKET SIZE FOR PHARMACEUTICAL, BY REGION, 2020-2027 (USD MILLION) 99

8.4 TEXTILE 99

TABLE 46 HYDROCHLORIC ACID MARKET SIZE FOR TEXTILE, BY REGION, 2020-2027 (KILOTON) 100

TABLE 47 HYDROCHLORIC ACID MARKET SIZE FOR TEXTILE, BY REGION, 2020-2027 (USD MILLION) 100

8.5 STEEL 100

TABLE 48 HYDROCHLORIC ACID MARKET SIZE FOR STEEL, BY REGION, 2020-2027 (KILOTON) 101

TABLE 49 HYDROCHLORIC ACID MARKET SIZE FOR STEEL, BY REGION, 2020-2027 (USD MILLION) 101

8.6 OIL & GAS 101

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 50	HYDROCHLORIC ACID MARKET SIZE FOR OIL & GAS, BY REGION, 2020-2027 (KILOTON)	102
TABLE 51	HYDROCHLORIC ACID MARKET SIZE FOR OIL & GAS, BY REGION, 2020-2027 (USD MILLION)	102
8.7	CHEMICAL	102
TABLE 52	HYDROCHLORIC ACID MARKET SIZE FOR CHEMICAL, BY REGION, 2020-2027 (KILOTON)	103
TABLE 53	HYDROCHLORIC ACID MARKET SIZE FOR CHEMICAL, BY REGION, 2020-2027 (USD MILLION)	103
8.8	OTHERS	103
TABLE 54	HYDROCHLORIC ACID MARKET SIZE FOR OTHER END-USE INDUSTRIES, BY REGION, 2020-2027 (KILOTON)	104
TABLE 55	HYDROCHLORIC ACID MARKET SIZE FOR OTHER END-USE INDUSTRIES, BY REGION, 2020-2027 (USD MILLION)	104
9	HYDROCHLORIC ACID MARKET, BY REGION	105
9.1	INTRODUCTION	106
FIGURE 29	CHINA TO BE FASTEST-GROWING MARKET DURING FORECAST PERIOD	106
TABLE 56	HYDROCHLORIC ACID MARKET SIZE, BY REGION, 2020-2027 (USD MILLION)	107
TABLE 57	HYDROCHLORIC ACID MARKET SIZE, BY REGION, 2020-2027 (KILOTON)	107
9.2	ASIA PACIFIC	107
FIGURE 30	ASIA PACIFIC: HYDROCHLORIC ACID MARKET SNAPSHOT	108
TABLE 58	ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (USD MILLION)	108
TABLE 59	ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (KILOTON)	109
TABLE 60	ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	109
TABLE 61	ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	109
TABLE 62	ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	110
TABLE 63	ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	110
TABLE 64	ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	111
TABLE 65	ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	111
9.2.1	CHINA	111
9.2.1.1	Stringent emission norms	111
TABLE 66	CHINA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	112
TABLE 67	CHINA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	112
TABLE 68	CHINA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	113
TABLE 69	CHINA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	113
TABLE 70	CHINA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	114
TABLE 71	CHINA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	114
9.2.2	INDIA	114
9.2.2.1	Strategic government initiatives	114
TABLE 72	INDIA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	115
TABLE 73	INDIA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	115
TABLE 74	INDIA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	115
TABLE 75	INDIA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	116
TABLE 76	INDIA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	116
TABLE 77	INDIA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	117
9.2.3	JAPAN	117
9.2.3.1	Extensive use in electric vehicles	117
TABLE 78	JAPAN: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	117
TABLE 79	JAPAN: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	118
TABLE 80	JAPAN: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	118
TABLE 81	JAPAN: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	118
TABLE 82	JAPAN: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	119
TABLE 83	JAPAN: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	119

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

9.2.4 SOUTH KOREA 119

9.2.4.1 Growth of steel and food & beverage industries 119

TABLE 84 SOUTH KOREA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 120

TABLE 85 SOUTH KOREA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 120

TABLE 86 SOUTH KOREA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 121

TABLE 87 SOUTH KOREA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 121

TABLE 88 SOUTH KOREA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 122

TABLE 89 SOUTH KOREA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 122

9.2.5 REST OF ASIA PACIFIC 122

TABLE 90 REST OF ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 123

TABLE 91 REST OF ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 123

TABLE 92 REST OF ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 123

TABLE 93 REST OF ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 124

TABLE 94 REST OF ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 124

TABLE 95 REST OF ASIA PACIFIC: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 125

9.3 EUROPE 125

TABLE 96 EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (USD MILLION) 125

TABLE 97 EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (KILOTON) 126

TABLE 98 EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 126

TABLE 99 EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 126

TABLE 100 EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 127

TABLE 101 EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 127

TABLE 102 EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 128

TABLE 103 EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 128

9.3.1 GERMANY 128

9.3.1.1 Presence of major players 128

TABLE 104 GERMANY: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 129

TABLE 105 GERMANY: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 129

TABLE 106 GERMANY: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 129

TABLE 107 GERMANY: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 130

TABLE 108 GERMANY: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 130

TABLE 109 GERMANY: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 131

9.3.2 FRANCE 131

9.3.2.1 Growth of chemical and food & beverage industries 131

TABLE 110 FRANCE: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 131

TABLE 111 FRANCE: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 132

TABLE 112 FRANCE: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 132

TABLE 113 FRANCE: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 132

TABLE 114 FRANCE: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 133

TABLE 115 FRANCE: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 133

9.3.3 ITALY 133

9.3.3.1 Increasing demand from end-use industries 133

TABLE 116 ITALY: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 134

TABLE 117 ITALY: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 134

TABLE 118 ITALY: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 134

TABLE 119 ITALY: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 135

TABLE 120 ITALY: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 135

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 121 ITALY: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 136

9.3.4 UK 136

9.3.4.1 Increased export of food and beverages 136

TABLE 122 UK: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 136

TABLE 123 UK: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 136

TABLE 124 UK: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 137

TABLE 125 UK: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 137

TABLE 126 UK: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 138

TABLE 127 UK: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 138

9.3.5 SPAIN 138

9.3.5.1 Growth of end-use industries 138

TABLE 128 SPAIN: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 139

TABLE 129 SPAIN: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 139

TABLE 130 SPAIN: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 139

TABLE 131 SPAIN: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 140

TABLE 132 SPAIN: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 140

TABLE 133 SPAIN: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 141

9.3.6 REST OF EUROPE 141

TABLE 134 REST OF EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 141

TABLE 135 REST OF EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 141

TABLE 136 REST OF EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 142

TABLE 137 REST OF EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 142

TABLE 138 REST OF EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 143

TABLE 139 REST OF EUROPE: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 143

9.4 NORTH AMERICA 143

FIGURE 31 NORTH AMERICA: HYDROCHLORIC ACID MARKET SNAPSHOT 144

TABLE 140 NORTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (USD MILLION) 144

TABLE 141 NORTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (KILOTON) 145

TABLE 142 NORTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 145

TABLE 143 NORTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 145

TABLE 144 NORTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 146

TABLE 145 NORTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 146

TABLE 146 NORTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 147

TABLE 147 NORTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 147

9.4.1 US 147

9.4.1.1 High consumption of steel in automotive and energy sectors 147

TABLE 148 US: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 148

TABLE 149 US: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 148

TABLE 150 US: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 148

TABLE 151 US: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON) 149

TABLE 152 US: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION) 149

TABLE 153 US: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON) 150

9.4.2 CANADA 150

9.4.2.1 Extensive use in oil & gas, food & beverage, and pharmaceutical industries 150

TABLE 154 CANADA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION) 150

TABLE 155 CANADA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON) 151

TABLE 156 CANADA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION) 151

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 157	CANADA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	151
TABLE 158	CANADA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	152
TABLE 159	CANADA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	152
9.4.3	MEXICO	152
9.4.3.1	Growing manufacturing activities	152
TABLE 160	MEXICO: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	153
TABLE 161	MEXICO: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	153
TABLE 162	MEXICO: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	153
TABLE 163	MEXICO: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	154
TABLE 164	MEXICO: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	154
TABLE 165	MEXICO: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	155
9.5	MIDDLE EAST & AFRICA	155
TABLE 166	MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (USD MILLION)	155
TABLE 167	MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (KILOTON)	156
TABLE 168	MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	156
TABLE 169	MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	156
TABLE 170	MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	157
TABLE 171	MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	157
TABLE 172	MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	158
TABLE 173	MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	158
9.5.1	SAUDI ARABIA	158
9.5.1.1	Increasing steel demand in construction and manufacturing activities	158
TABLE 174	SAUDI ARABIA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	159
TABLE 175	SAUDI ARABIA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	159
TABLE 176	SAUDI ARABIA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	159
TABLE 177	SAUDI ARABIA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	160
TABLE 178	SAUDI ARABIA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	160
TABLE 179	SAUDI ARABIA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	161
9.5.2	IRAN	161
9.5.2.1	Oil sector to drive demand for hydrochloric acid	161
TABLE 180	IRAN: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	161
TABLE 181	IRAN: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	161
TABLE 182	IRAN: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	162
TABLE 183	IRAN: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	162
TABLE 184	IRAN: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	163
TABLE 185	IRAN: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	163
9.5.3	REST OF THE MIDDLE EAST & AFRICA	163
TABLE 186	REST OF MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	164
TABLE 187	REST OF MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	164
TABLE 188	REST OF MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	164
TABLE 189	REST OF MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	165
TABLE 190	REST OF MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	165
TABLE 191	REST OF MIDDLE EAST & AFRICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	166
9.6	SOUTH AMERICA	166
TABLE 192	SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (USD MILLION)	166

TABLE 193	SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY COUNTRY, 2020-2027 (KILOTON)	167
TABLE 194	SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	167
TABLE 195	SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	167
TABLE 196	SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	168
TABLE 197	SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	168
TABLE 198	SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	169
TABLE 199	SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	169
9.6.1	BRAZIL	169
9.6.1.1	Rapid construction activities to boost demand	169
TABLE 200	BRAZIL: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	170
TABLE 201	BRAZIL: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	170
TABLE 202	BRAZIL: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	170
TABLE 203	BRAZIL: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	171
TABLE 204	BRAZIL: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	171
TABLE 205	BRAZIL: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	172
9.6.2	ARGENTINA	172
9.6.2.1	Increased upstream oil and gas production	172
TABLE 206	ARGENTINA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	173
TABLE 207	ARGENTINA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	173
TABLE 208	ARGENTINA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	173
TABLE 209	ARGENTINA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	174
TABLE 210	ARGENTINA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	174
TABLE 211	ARGENTINA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	175
9.6.3	REST OF SOUTH AMERICA	175
TABLE 212	REST OF SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (USD MILLION)	175
TABLE 213	REST OF SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY GRADE, 2020-2027 (KILOTON)	175
TABLE 214	REST OF SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (USD MILLION)	176
TABLE 215	REST OF SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY APPLICATION, 2020-2027 (KILOTON)	176
TABLE 216	REST OF SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (USD MILLION)	177
TABLE 217	REST OF SOUTH AMERICA: HYDROCHLORIC ACID MARKET SIZE, BY END-USE INDUSTRY, 2020-2027 (KILOTON)	177
10	COMPETITIVE LANDSCAPE	178
10.1	INTRODUCTION	178
10.2	STRATEGIES ADOPTED BY KEY PLAYERS	178
TABLE 218	OVERVIEW OF STRATEGIES ADOPTED BY HYDROCHLORIC ACID MANUFACTURERS	178
10.3	MARKET SHARE ANALYSIS	179
10.3.1	RANKING OF KEY MARKET PLAYERS	179
FIGURE 32	RANKING OF TOP FIVE PLAYERS IN HYDROCHLORIC ACID MARKET, 2021	179
10.3.2	MARKET SHARE OF KEY PLAYERS, 2021	179
TABLE 219	HYDROCHLORIC ACID MARKET: MARKET SHARE OF KEY PLAYERS	180
FIGURE 33	HYDROCHLORIC ACID MARKET: MARKET SHARE ANALYSIS	180
10.3.3	BASF SE	181
10.3.4	COVESTRO AG	181
10.3.5	OCCIDENTAL PETROLEUM CORPORATION	181
10.3.6	WESTLAKE CHEMICAL CORPORATION	181
10.3.7	OLIN CORPORATION	182
10.4	COMPANY EVALUATION QUADRANT	182
10.4.1	STARS	182

10.4.2	PERVASIVE COMPANIES	182
10.4.3	EMERGING LEADERS	182
10.4.4	PARTICIPANTS	183
FIGURE 34	HYDROCHLORIC ACID MARKET: COMPANY EVALUATION QUADRANT, 2021	183
10.5	START-UPS/SMALL AND MEDIUM-SIZED ENTERPRISES (SMES) EVALUATION QUADRANT	184
10.5.1	PROGRESSIVE COMPANIES	184
10.5.2	RESPONSIVE COMPANIES	184
10.5.3	DYNAMIC COMPANIES	184
10.5.4	STARTING BLOCKS	184
FIGURE 35	START-UPS AND SMALL AND MEDIUM-SIZED ENTERPRISES (SMES) EVALUATION MATRIX, 2021	185
10.6	COMPETITIVE BENCHMARKING	186
TABLE 220	HYDROCHLORIC ACID MARKET: DETAILED LIST OF KEY PLAYERS	186
TABLE 221	HYDROCHLORIC ACID MARKET: COMPETITIVE BENCHMARKING OF KEY PLAYERS	186
10.7	COMPETITIVE SCENARIOS AND TRENDS	187
10.7.1	DEALS	187
TABLE 222	HYDROCHLORIC ACID MARKET: DEALS (2016-2022)	187
11	COMPANY PROFILES	188
(Business Overview, Products Offered, Recent Developments, MnM View Right to win, Strategic choices made, Weaknesses and competitive threats) *		
11.1	MAJOR PLAYERS	188
11.1.1	BASF SE	188
TABLE 223	BASF SE: BUSINESS OVERVIEW	188
FIGURE 36	BASF SE: COMPANY SNAPSHOT	189
11.1.2	COVESTRO AG	191
TABLE 224	COVESTRO AG: BUSINESS OVERVIEW	191
FIGURE 37	COVESTRO AG: COMPANY SNAPSHOT	192
11.1.3	OLIN CORPORATION	194
TABLE 225	OLIN CORPORATION: BUSINESS OVERVIEW	194
FIGURE 38	OLIN CORPORATION: COMPANY SNAPSHOT	195
11.1.4	WESTLAKE CHEMICAL CORPORATION	198
TABLE 226	WESTLAKE CHEMICAL CORPORATION: BUSINESS OVERVIEW	198
FIGURE 39	WESTLAKE CHEMICAL CORPORATION: COMPANY SNAPSHOT	199
11.1.5	OCCIDENTAL PETROLEUM CORPORATION	201
TABLE 227	OCCIDENTAL PETROLEUM CORPORATION: BUSINESS OVERVIEW	201
FIGURE 40	OCCIDENTAL PETROLEUM CORPORATION: COMPANY SNAPSHOT	202
11.1.6	FORMOSA PLASTICS CORPORATION	204
TABLE 228	FORMOSA PLASTICS CORPORATION: BUSINESS OVERVIEW	204
FIGURE 41	FORMOSA PLASTICS CORPORATION: COMPANY SNAPSHOT	205
11.1.7	TATA CHEMICALS LIMITED	207
TABLE 229	TATA CHEMICALS LIMITED: BUSINESS OVERVIEW	207
FIGURE 42	TATA CHEMICALS LIMITED: COMPANY SNAPSHOT	208
11.1.8	AGC CHEMICALS	210
TABLE 230	AGC CHEMICALS: BUSINESS OVERVIEW	210
FIGURE 43	AGC CHEMICALS: COMPANY SNAPSHOT	211
11.1.9	ERCO WORLDWIDE	213
TABLE 231	ERCO WORLDWIDE: BUSINESS OVERVIEW	213
11.1.10	DETREX CORPORATION	214

TABLE 232	DETREX CORPORATION: BUSINESS OVERVIEW	214
11.2	OTHER PLAYERS	215
11.2.1	AURORA FINE CHEMICALS	215
TABLE 233	AURORA FINE CHEMICALS: COMPANY OVERVIEW	215
11.2.2	ZOUPING DONGFANG CHEMICAL INDUSTRY CO., LTD.	215
TABLE 234	ZOUPING DONGFANG CHEMICAL INDUSTRY CO., LTD.: COMPANY OVERVIEW	215
11.2.3	ACURO ORGANICS LIMITED	216
TABLE 235	ACURO ORGANICS LIMITED: COMPANY OVERVIEW	216
11.2.4	MAXWELL ADDITIVES PVT. LTD.	217
TABLE 236	MAXWELL ADDITIVES PVT. LTD.: COMPANY OVERVIEW	217
11.2.5	CEMEX SPECIALITY LIMITED	218
TABLE 237	CHEMTEX SPECIALITY LIMITED: COMPANY OVERVIEW	218
11.2.6	POLYSCIENCES INC.	218
TABLE 238	POLYSCIENCES INC.: COMPANY OVERVIEW	218
11.2.7	HENAN QINGSHUIYUAN TECHNOLOGY CO., LTD.	219
TABLE 239	HENAN QINGSHUIYUAN TECHNOLOGY CO., LTD.: COMPANY OVERVIEW	219
11.2.8	NOURYON	219
TABLE 240	NOURYON: COMPANY OVERVIEW	219
11.2.9	CONTINENTAL CHEMICAL	220
TABLE 241	CONTINENTAL CHEMICAL: COMPANY OVERVIEW	220
11.2.10	JONES-HAMILTON CO.	220
TABLE 242	JONES-HAMILTON CO.: COMPANY OVERVIEW	220
11.2.11	TRONOX HOLDINGS PLC	221
TABLE 243	TRONOX HOLDINGS PLC: COMPANY OVERVIEW	221
11.2.12	KUHLMANN EUROPE	222
TABLE 244	KUHLMANN EUROPE: COMPANY OVERVIEW	222
11.2.13	PCC GROUP	223
TABLE 245	PCC GROUP: COMPANY OVERVIEW	223
11.2.14	HAWKINS	223
TABLE 246	HAWKINS: COMPANY OVERVIEW	223
11.2.15	ASHTA CHEMICALS INC.	224
TABLE 247	ASHTA CHEMICALS INC.: COMPANY OVERVIEW	224
*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.		
12	APPENDIX	225
12.1	DISCUSSION GUIDE	225
12.2	KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL	228
12.3	AVAILABLE CUSTOMIZATIONS	230
12.4	RELATED REPORTS	230
12.5	AUTHOR DETAILS	231

Hydrochloric Acid Market by Grade (Synthetic, By-product), Application, End-use industry (Food & Beverage, Pharmaceutical, Textile, Steel, Oil & Gas, Chemical), Region (North America, Europe, APAC, MEA, South America) - Global Forecast to 2027

Market Report | 2022-09-13 | 222 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"/>

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Zip Code*

Country*

Date

Signature