

Electronic Chemicals and Materials Market by Type (Specialty Gases, CMP Slurries, Conductive Polymers, Photoresist Chemicals, Low K Dielectrics, Wet Chemicals, Silicon Wafers, PCB Laminates), Application, and Region - Global Forecast to 2028

<https://marketpublishers.com/r/E9808039F14EN.html>

Date: March 2024

Pages: 266

Price: US\$ 4,950.00 (Single User License)

ID: E9808039F14EN

Abstracts

The electronic chemicals and materials market size is projected to grow from USD 59.1 billion in 2023 and is projected to reach USD 77.8 Billion by 2028, at a CAGR of 5.6%. Several factors are driving this growth, including the increasing demand for consumer electronics, growth in the semiconductor industry, and advancements in electronic devices requiring specialized materials. Additionally, the proliferation of 5G technology and the Internet of Things (IoT) are expected to further boost market growth as these technologies require sophisticated electronic components and materials.

“The silicon wafers segment is projected to register the highest CAGR during the forecast period.”

The projected growth of the silicon wafers segment in the electronic chemicals and materials market is indicative of the expanding demand for semiconductors and electronic devices worldwide. Silicon wafers serve as the fundamental substrate for manufacturing integrated circuits (ICs) and other semiconductor devices essential for various electronic applications, including smartphones, computers, automotive electronics, and industrial automation systems. The increasing adoption of advanced technologies such as 5G, Internet of Things (IoT), artificial intelligence (AI), and augmented reality (AR) is driving the need for more powerful and efficient semiconductor components. Consequently, there is a growing requirement for high-quality silicon wafers with enhanced specifications, such as larger diameters, higher purity levels, and improved uniformity, to meet the performance demands of next-

generation electronic devices. Moreover, the proliferation of emerging trends like electric vehicles (EVs) and renewable energy systems further contributes to the surge in demand for silicon wafers, as these technologies heavily rely on semiconductor-based components for their operation. Additionally, ongoing advancements in semiconductor manufacturing processes, such as the transition to advanced node technologies like 7nm and below, are fueling the demand for specialized electronic chemicals and materials used in the fabrication of silicon wafers. Overall, the projected high compound annual growth rate (CAGR) of the silicon wafers segment underscores its pivotal role in driving innovation and progress within the electronics industry, laying the foundation for the development of cutting-edge electronic devices and technologies.

“Semiconductor application segment is expected to hold the larger market share during the forecast period.”

The semiconductor application segment is projected to dominate the electronic chemicals and materials market during the forecast period due to several key factors. Firstly, the increasing demand for semiconductors in various electronic devices such as smartphones, laptops, and tablets is driving the growth of this segment. As these devices become more advanced and sophisticated, the need for high-performance semiconductors and advanced electronic materials also increases. The growing trend of miniaturization in the electronics industry is further fueling the demand for electronic chemicals and materials used in semiconductor manufacturing. Miniaturization requires the use of advanced materials that can enable the production of smaller, more powerful, and energy-efficient electronic components. Additionally, the emergence of new technologies such as 5G, IoT, and AI is expected to drive significant growth in the semiconductor industry, leading to increased demand for electronic chemicals and materials. These technologies require high-performance semiconductors that can meet the demanding requirements of these applications.

Overall, the semiconductor application segment is expected to hold the larger market share during the forecast period due to the increasing demand for semiconductors in various electronic devices, the trend of miniaturization in the electronics industry, the emergence of new technologies, and the growing investment in research and development activities.

“Asia Pacific projected as the fastest growing electronic chemicals and materials market during the forecast period.”

The Asia Pacific (APAC) region emerged as the powerhouse driving the electronic

chemicals and materials market, outpacing other regions in growth. This surge can be attributed to the exponential expansion of the global electronics industry within the APAC territory. Countries like China, Japan, South Korea, and Taiwan have cemented their positions as leaders in electronics manufacturing, fueling demand for electronic chemicals and materials. The region's robust infrastructure, skilled labor force, and favorable government policies have created an environment conducive to innovation and production efficiency in the electronics sector. Moreover, the increasing adoption of advanced technologies such as 5G, Internet of Things (IoT), and artificial intelligence (AI) has further accelerated the demand for electronic components and devices, driving the need for specialized chemicals and materials. With its dynamic market landscape and strategic positioning in the global supply chain, the APAC region continues to be a focal point for electronic chemicals and materials suppliers, presenting lucrative opportunities for growth and investment in the foreseeable future.

Extensive primary interviews were conducted to determine and verify the market size for several segments and sub-segments and the information gathered through secondary research.

The breakup of primary interviews is given below:

By Company Type - Tier 1 – 30%, Tier 2 – 50%, and Tier 3 – 20%

By Designation - C level – 40%, Director Level – 20%, and Others – 40%

By Region - North America – 40%, Europe – 30%, APAC – 10%, Middle East & Africa – 10%, and South America – 10%

Companies Covered: Shin-Etsu Chemical Co., Ltd. (Japan), Linde Plc (England), Fujifilm Corporation (Japan), Resonac Holding Corporation (Japan), Air Liquide (Paris), Solvay (Belgium), BASF SE (Germany), Mitsui Chemicals America, Inc. (US), Merck KGaA (Germany), Covestro AG (Germany), SUMCO Corp. (Japan), Air Products & Chemicals, Inc. (US), Songwon (South Korea) and others are covered in the electronic chemicals and materials market.

Research Coverage

The market study covers the electronic chemicals and materials market across various segments. It aims at estimating the market size and the growth potential of this market across different segments based on type, application, and region. The study also

includes an in-depth competitive analysis of key players in the market, their company profiles, key observations related to their products and business offerings, recent developments undertaken by them, and key growth strategies adopted by them to improve their position in the electronic chemicals and materials market.

Key Benefits of Buying the Report

The report is expected to help the market leaders/new entrants in this market share the closest approximations of the revenue numbers of the overall electronic chemicals and materials market and its segments and sub-segments. This report is projected to help stakeholders understand the competitive landscape of the market, gain insights to improve the position of their businesses, and plan suitable go-to-market strategies. The report also aims to help stakeholders understand the pulse of the market and provides them with information on the key market drivers, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Growth in the semiconductor industry will augment the demand of electronic chemical and material, The growth in renewable energy sector creates demand for photovoltaic cells.), restraints (Stringent health and environmental regulations regarding), opportunities (Improved IT infrastructure and upcoming technologies and Increasing demand for consumer goods) influencing the growth of the electronic chemicals and materials market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the electronic chemicals and materials market

Market Development: Comprehensive information about lucrative markets – the report analyses the electronic chemicals and materials market across varied regions

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the electronic chemicals and materials market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Shin-Etsu Chemical Co., Ltd. (Japan), Linde Plc (England), Fujifilm Corporation (Japan), Resonac

Holding Corporation (Japan), Air Liquide (Paris), Solvay (Belgium), BASF SE (Germany), Mitsui Chemicals America, Inc. (US), Merck KGaA (Germany), Covestro AG (Germany), SUMCO Corp. (Japan), Air Products & Chemicals, Inc. (US), and Songwon (South Korea) are the top manufacturers covered in the electronic chemicals and materials market, and among others in the electronic chemicals and materials market. The report also helps stakeholders understand the pulse of the electronic chemicals and materials market and provides them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

TABLE 1 DEFINITION OF TYPE

1.2.1 INCLUSIONS AND EXCLUSIONS

1.3 STUDY SCOPE

1.3.1 MARKET SEGMENTATION

1.3.2 REGIONS COVERED

1.3.3 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

1.5 UNITS CONSIDERED

1.6 LIMITATIONS

1.7 STAKEHOLDERS

1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 1 RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

FIGURE 2 KEY DATA FROM SECONDARY SOURCES

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

FIGURE 3 KEY DATA FROM PRIMARY SOURCES

2.1.2.2 Key industry insights

FIGURE 4 KEY INDUSTRY INSIGHTS

2.1.2.3 Breakdown of interviews with experts

FIGURE 5 BREAKDOWN OF INTERVIEWS WITH EXPERTS

2.2 MARKET SIZE ESTIMATION

FIGURE 6 MARKET SIZE ESTIMATION

FIGURE 7 ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY REGION

FIGURE 8 ELECTRONIC CHEMICALS AND MATERIALS, SUPPLY-SIDE ANALYSIS

FIGURE 9 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH

FIGURE 10 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH

2.3 DATA TRIANGULATION

FIGURE 11 DATA TRIANGULATION

2.3.1 RESEARCH ASSUMPTIONS

FIGURE 12 RESEARCH ASSUMPTIONS

2.4 RESEARCH LIMITATIONS

2.4.1 RISK ASSESSMENT

FIGURE 13 LIMITATIONS AND ASSOCIATED RISKS

2.5 GROWTH RATE ASSUMPTIONS

2.6 IMPACT OF RECESSION

3 EXECUTIVE SUMMARY

FIGURE 14 SILICON WAFERS SEGMENT TO LEAD ELECTRONIC CHEMICALS AND MATERIALS MARKET

FIGURE 15 SEMICONDUCTORS TO BE FASTER-GROWING APPLICATION OF ELECTRONIC CHEMICALS AND MATERIALS

FIGURE 16 ASIA PACIFIC TO BE FASTEST-GROWING ELECTRONIC CHEMICALS AND MATERIALS MARKET

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN ELECTRONIC CHEMICALS AND MATERIALS MARKET

FIGURE 17 PAC TO WITNESS HIGHER GROWTH RATE DUE TO INCREASING DEMAND FOR CONSUMER ELECTRONICS AND GROWING SEMICONDUCTOR INDUSTRY

4.2 ASIA PACIFIC ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION AND COUNTRY, 2022

FIGURE 18 CHINA ACCOUNTED FOR LARGEST MARKET SHARE

4.3 ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY KEY COUNTRY

FIGURE 19 CHINA TO BE FASTEST-GROWING MARKET FOR ELECTRONIC CHEMICALS AND MATERIALS

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 20 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Significant growth of semiconductor industry to augment demand for

electronic chemicals and materials

FIGURE 21 SEMICONDUCTOR MARKET GROWTH, 2008–2024

5.2.1.2 Growth of renewable energy sector creating demand for photovoltaic cells

5.2.1.3 Innovations in technology require sophisticated electronic components

5.2.2 RESTRAINTS

5.2.2.1 Stringent health and environmental regulations on use of certain chemicals and materials

5.2.3 OPPORTUNITIES

5.2.3.1 Improved IT infrastructure and upcoming technologies

5.2.3.2 Increasing demand for consumer goods

5.2.3.3 Growing usage of PCBs in telecommunication industry

5.2.4 CHALLENGES

5.2.4.1 Rapid decline in use of certain technologies due to introduction of cloud-based storage

6 INDUSTRY TRENDS

6.1 TRENDS & DISRUPTIONS IMPACTING CUSTOMER'S BUSINESS

FIGURE 22 REVENUE SHIFT FOR ELECTRONIC CHEMICALS AND MATERIALS MANUFACTURERS

6.2 PRICING ANALYSIS

6.2.1 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY FORM

FIGURE 23 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY FORM

TABLE 2 AVERAGE SELLING PRICE OF FORM, BY KEY PLAYER, 2019–2028 (USD/TON)

6.2.2 SELLING PRICE RANGE OF WET CHEMICALS, BY REGION, 2019–2028

FIGURE 24 AVERAGE SELLING PRICE TREND OF WET CHEMICALS, BY REGION (USD/TON)

6.2.3 AVERAGE SELLING PRICE TREND OF WET CHEMICALS, BY REGION

TABLE 3 AVERAGE SELLING PRICE, BY REGION, 2019–2028 (USD/TON)

6.3 VALUE CHAIN ANALYSIS

6.4 ECOSYSTEM ANALYSIS

FIGURE 25 ECOSYSTEM/MARKET MAPPING

TABLE 4 ECOSYSTEM OF ELECTRONIC CHEMICALS AND MATERIALS MARKET

6.5 TECHNOLOGY ANALYSIS

6.5.1 KEY TECHNOLOGIES

6.5.1.1 Green chemistry & sustainable formulations (technology integration and innovative formulation)

6.5.1.2 Quantum dots

6.5.1.3 Nanotechnology in etching and deposition process	
6.5.1.4 Smart cleaning technologies (selective cleaning and remote monitoring)	
6.5.1.5 CMP (chemical mechanical polishing) process enhancements	
6.5.1.6 Photolithography technology	
6.5.1.7 Extreme ultraviolet lithography (EUVL) technology	
6.5.1.8 Electron beam lithography (EBL)	
6.5.1.9 Innovation in materials for 3D integration (new dielectric materials) and through-silicon via (TSV) technologies	
6.5.2 COMPLEMENTARY TECHNOLOGIES	
6.5.2.1 Process automation and industry 4.0 integration	
6.5.2.2 Artificial intelligence (AI) and machine learning (ML)	
6.5.2.3 Nanotechnology	
6.6 PATENT ANALYSIS	
6.6.1 INTRODUCTION	
6.6.2 METHODOLOGY	
6.6.3 ELECTRONIC CHEMICALS AND MATERIALS MARKET, PATENT ANALYSIS (2014–2023)	
FIGURE 26 LIST OF MAJOR PATENTS FOR ELECTRONIC CHEMICALS AND MATERIALS MARKET (2014–2023)	
TABLE 5 LIST OF PATENTS FOR ELECTRONIC CHEMICALS AND MATERIALS	
6.7 TRADE ANALYSIS	
FIGURE 27 EXPORT SCENARIO, HS CODE 3818, CHEMICAL ELEMENTS DOPED FOR USE IN ELECTRONICS, IN THE FORM OF DISCS, WAFERS OR SIMILAR FORMS; CHEMICAL COMPOUNDS DOPED FOR USE IN ELECTRONICS, 2013–2022 (USD BILLION)	
FIGURE 28 IMPORT SCENARIO HS CODE 3818, CHEMICAL ELEMENTS DOPED FOR USE IN ELECTRONICS, IN THE FORM OF DISCS, WAFERS OR SIMILAR FORMS; CHEMICAL COMPOUNDS DOPED FOR USE IN ELECTRONICS, 2013–2022 (USD BILLION)	
6.8 KEY CONFERENCES AND EVENTS, 2024–2025	
TABLE 6 DETAILED LIST OF CONFERENCES & EVENTS, 2024–2025	
6.9 TARIFF AND REGULATORY LANDSCAPE	
6.9.1 TARIFFS AND REGULATIONS RELATED TO ELECTRONIC CHEMICALS AND MATERIALS	
TABLE 7 TARIFFS RELATED TO ELECTRONIC CHEMICALS AND MATERIALS MARKET	
6.9.2 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	
TABLE 8 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT	

AGENCIES, AND OTHER ORGANIZATIONS

TABLE 9 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 10 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 11 MIDDLE EAST & AFRICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 12 SOUTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

6.9.3 REGULATIONS RELATED TO ELECTRONIC CHEMICALS AND MATERIALS MARKET

TABLE 13 LIST OF REGULATIONS FOR ELECTRONIC CHEMICALS AND MATERIALS MARKET

6.10 PORTER'S FIVE FORCES ANALYSIS

FIGURE 29 PORTER'S FIVE FORCES ANALYSIS

TABLE 14 PORTER'S FIVE FORCES ANALYSIS

6.10.1 THREAT OF SUBSTITUTES

6.10.2 THREAT OF NEW ENTRANTS

6.10.3 BARGAINING POWER OF SUPPLIERS

6.10.4 BARGAINING POWER OF BUYERS

6.10.5 INTENSITY OF COMPETITIVE RIVALRY

6.11 KEY STAKEHOLDERS AND BUYING CRITERIA

6.11.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 30 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS

TABLE 15 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS

6.11.2 BUYING CRITERIA

FIGURE 31 KEY BUYING CRITERIA FOR ELECTRONIC CHEMICALS AND MATERIALS MARKET

TABLE 16 KEY BUYING CRITERIA FOR ELECTRONIC CHEMICALS AND MATERIALS INDUSTRY

6.12 CASE STUDY ANALYSIS

6.12.1 CASE STUDY 1: STRATEGIC INITIATIVE BY INTEL CORPORATION TO MINIMIZE ENVIRONMENTAL IMPACT OF PCB MANUFACTURING

6.12.2 CASE STUDY 2: OCEAN INSIGHT COLLABORATED WITH PROMINENT PIONEER IN PLASMA-ETCHING TECHNOLOGIES TO INVESTIGATE COMPREHENSIVE SPECTRUM PLASMA MONITORING SOLUTIONS TAILORED FOR IDENTIFICATION OF CRUCIAL WAFER ETCH ENDPOINTS

6.12.3 CASE STUDY 3: WASTE GENERATION AND MANAGEMENT IN SEMICONDUCTOR INDUSTRY

6.13 MACROECONOMIC ANALYSIS

6.13.1 INTRODUCTION

6.13.2 GDP TRENDS AND FORECASTS

TABLE 17 WORLD GDP GROWTH PROJECTION, 2021–2028 (USD TRILLION)

6.13.3 GLOBAL SEMICONDUCTOR REVENUE (LAST 10 YEARS)

FIGURE 32 GLOBAL SEMICONDUCTOR REVENUES (YEAR-ON-YEAR PERCENTAGE CHANGE)

6.13.4 REGIONAL SEMICONDUCTOR BILLING STATISTICS (LAST 12 YEARS)

FIGURE 33 SEMICONDUCTOR BILLING STATISTICS FOR LAST 12 YEARS, BY REGION

6.13.5 GROWING POPULATION AND URBANIZATION

TABLE 18 POPULATION AND URBANIZATION, BY REGION, 2021–2050 (IN MILLION)

TABLE 19 POPULATION GROWTH, BY REGION, 2022–2050 (IN MILLION)

6.13.6 GLOBAL AUTOMOBILE PRODUCTION AND GROWTH

TABLE 20 GLOBAL AUTOMOBILE PRODUCTION (UNIT) AND GROWTH, BY COUNTRY, 2021–2022

6.14 SEMICONDUCTOR INDUSTRY INVESTMENT AND FUNDING SCENARIO

6.14.1 INVESTOR DEALS AND FUNDING IN SEMICONDUCTOR SOARED IN 2021

7 ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE

7.1 INTRODUCTION

FIGURE 34 SILICON WAFERS TO BE LARGEST TYPE IN ELECTRONIC CHEMICALS AND MATERIALS MARKET DURING FORECAST PERIOD

TABLE 21 ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 22 ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

7.2 ELECTRONIC GASES

7.2.1 PHOTOVOLTAIC, DISPLAY, AND LED LIGHTING APPLICATIONS TO DRIVE MARKET

TABLE 23 APPLICATIONS OF GASES IN ELECTRONICS INDUSTRY

7.3 CMP SLURRIES

7.3.1 MANUFACTURE OF SILICON WAFERS, OPTICAL SUBSTRATES, DISK-DRIVE COMPONENTS, AND MICROCHIPS TO DRIVE MARKET

7.4 PHOTORESIST AND PHOTORESIST ANCILLARIES

7.4.1 NEED TO IMPRINT DESIRED CIRCUITRY AND OBTAIN ICS TO DRIVE MARKET

7.5 CONDUCTIVE POLYMERS

7.5.1 ELECTRONICS, MEDICAL, AND AUTOMOTIVE SECTORS TO DRIVE MARKET

7.6 LOW K DIELECTRICS

7.6.1 DEVELOPMENT OF VAST-SCALE INTEGRATED MICROELECTRONICS TECHNOLOGY TO DRIVE MARKET

7.7 WET CHEMICALS

7.7.1 EXTENSIVE USE FOR CLEANING AND ETCHING APPLICATIONS OF PRINTED CIRCUIT BOARDS TO DRIVE MARKET

TABLE 24 TYPES OF WET CHEMICALS AND THEIR APPLICATIONS IN ELECTRONICS INDUSTRY

7.8 SILICON WAFERS

7.8.1 KEY COMPONENTS AS SUBSTRATES IN FABRICATION OF INTEGRATED CIRCUITS FOR MICROELECTRONIC DEVICES TO DRIVE MARKET

7.9 PCB LAMINATES

7.9.1 INCREASING AUTOMATION IN VARIOUS INDUSTRIES TO DRIVE MARKET

8 ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION

8.1 INTRODUCTION

FIGURE 35 SEMICONDUCTORS APPLICATION SEGMENT TO DOMINATE ELECTRONIC CHEMICALS AND MATERIALS MARKET

TABLE 25 ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 26 ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

8.2 SEMICONDUCTORS

8.2.1 INCREASING DEMAND FOR HIGH COMPONENT DENSITY OF ELECTRONIC DEVICES TO DRIVE MARKET

8.3 OTHER APPLICATIONS

9 ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY REGION

9.1 INTRODUCTION

FIGURE 36 CHINA TO RECORD FASTEST GROWTH DURING FORECAST PERIOD

9.2 ASIA PACIFIC

9.2.1 RECESSION IMPACT

FIGURE 37 ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET SNAPSHOT

TABLE 27 ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY COUNTRY, 2019–2021 (USD MILLION)

TABLE 28 ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY COUNTRY, 2022–2028 (USD MILLION)

TABLE 29 ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 30 ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 31 ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 32 ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.2.2 CHINA

9.2.2.1 Presence of largest semiconductor industry to drive market

TABLE 33 CHINA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 34 CHINA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 35 CHINA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 36 CHINA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.2.3 INDIA

9.2.3.1 Thriving electronics industry to boost market

TABLE 37 INDIA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 38 INDIA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 39 INDIA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 40 INDIA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.2.4 JAPAN

9.2.4.1 Growth of chemical and material industries to drive market

TABLE 41 JAPAN: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 42 JAPAN: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 43 JAPAN: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY

TYPE, 2019–2021 (USD MILLION)

TABLE 44 JAPAN: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.2.5 SOUTH KOREA

9.2.5.1 Increasing export of electronics and semiconductors to boost market

TABLE 45 SOUTH KOREA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 46 SOUTH KOREA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 47 SOUTH KOREA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 48 SOUTH KOREA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.2.6 TAIWAN

9.2.6.1 Strong presence of semiconductor manufacturers to drive market

TABLE 49 TAIWAN: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 50 TAIWAN: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 51 TAIWAN: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 52 TAIWAN: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.2.7 REST OF ASIA PACIFIC

TABLE 53 REST OF ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 54 REST OF ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 55 REST OF ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 56 REST OF ASIA PACIFIC: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.3 NORTH AMERICA

9.3.1 RECESSION IMPACT

FIGURE 38 NORTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET SNAPSHOT

TABLE 57 NORTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY COUNTRY, 2019–2021 (USD MILLION)

TABLE 58 NORTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS

MARKET, BY COUNTRY, 2022–2028 (USD MILLION)

TABLE 59 NORTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS

MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 60 NORTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS

MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 61 NORTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS

MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 62 NORTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS

MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.3.2 US

9.3.2.1 Major investments in electronics industry to drive market

TABLE 63 US: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 64 US: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 65 US: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 66 US: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.3.3 CANADA

9.3.3.1 Robust presence of leading semiconductor manufacturers to drive market

TABLE 67 CANADA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 68 CANADA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 69 CANADA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 70 CANADA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.3.4 MEXICO

9.3.4.1 Rising demand for electronic chemicals and materials to drive market

TABLE 71 MEXICO: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 72 MEXICO: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 73 MEXICO: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 74 MEXICO: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.4 EUROPE

9.4.1 RECESSION IMPACT

TABLE 75 EUROPE: EPOXIDIZED SOYBEAN OIL MARKET, BY COUNTRY, 2019–2021 (USD MILLION)

TABLE 76 EUROPE: EPOXIDIZED SOYBEAN OIL MARKET, BY COUNTRY, 2022–2028 (USD MILLION)

TABLE 77 EUROPE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 78 EUROPE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 79 EUROPE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 80 EUROPE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.4.2 GERMANY

9.4.2.1 Increased production of microelectronics to drive market

TABLE 81 GERMANY: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 82 GERMANY: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 83 GERMANY: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 84 GERMANY: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.4.3 UK

9.4.3.1 Growth of automotive sector to fuel demand for electronic chemicals and materials

TABLE 85 UK: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 86 UK: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 87 UK: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 88 UK: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.4.4 FRANCE

9.4.4.1 Increasing demand for semiconductors from various end-use industries to drive market

TABLE 89 FRANCE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY

APPLICATION, 2019–2021 (USD MILLION)

TABLE 90 FRANCE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 91 FRANCE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 92 FRANCE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.4.5 NETHERLANDS

9.4.5.1 Expansion of semiconductor manufacturing equipment companies to boost market

TABLE 93 NETHERLANDS: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 94 NETHERLANDS: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 95 NETHERLANDS: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 96 NETHERLANDS: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.4.6 REST OF EUROPE

TABLE 97 REST OF EUROPE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 98 REST OF EUROPE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 99 REST OF EUROPE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 100 REST OF EUROPE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.5 MIDDLE EAST & AFRICA

9.5.1 RECESSION IMPACT

TABLE 101 MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY COUNTRY, 2019–2021 (USD MILLION)

TABLE 102 MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY COUNTRY, 2022–2028 (USD MILLION)

TABLE 103 MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 104 MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 105 MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 106 MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.5.2 GCC COUNTRIES

TABLE 107 GCC COUNTRIES: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 108 GCC COUNTRIES: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 109 GCC COUNTRIES: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 110 GCC COUNTRIES: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.5.2.1 Saudi Arabia

9.5.2.1.1 Economic growth and increasing consumer demand for electronic devices to drive market

TABLE 111 SAUDI ARABIA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 112 SAUDI ARABIA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 113 SAUDI ARABIA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 114 SAUDI ARABIA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.5.2.2 UAE

9.5.2.2.1 Significant investment in semiconductor industry to drive market

TABLE 115 UAE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 116 UAE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 117 UAE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 118 UAE: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.5.2.3 Rest of GCC countries

TABLE 119 REST OF GCC COUNTRIES: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 120 REST OF GCC COUNTRIES: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 121 REST OF GCC COUNTRIES: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 122 REST OF GCC COUNTRIES: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)**9.5.3 SOUTH AFRICA****9.5.3.1 Increased demand for consumer electronics to drive market****TABLE 123 SOUTH AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)****TABLE 124 SOUTH AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)****TABLE 125 SOUTH AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)****TABLE 126 SOUTH AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)****9.5.4 REST OF MIDDLE EAST & AFRICA****TABLE 127 REST OF MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)****TABLE 128 REST OF MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)****TABLE 129 REST OF MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)****TABLE 130 REST OF MIDDLE EAST & AFRICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)****9.6 SOUTH AMERICA****9.6.1 RECESSION IMPACT****TABLE 131 SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY COUNTRY, 2019–2021 (USD MILLION)****TABLE 132 SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY COUNTRY, 2022–2028 (USD MILLION)****TABLE 133 SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)****TABLE 134 SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)****TABLE 135 SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)****TABLE 136 SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)****9.6.2 BRAZIL****9.6.2.1 Increasing investments by leading chip manufacturing companies to drive market****TABLE 137 BRAZIL: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY**

APPLICATION, 2019–2021 (USD MILLION)

TABLE 138 BRAZIL: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 139 BRAZIL: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 140 BRAZIL: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.6.3 ARGENTINA

9.6.3.1 Growth of electronics industry to drive market

TABLE 141 ARGENTINA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 142 ARGENTINA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 143 ARGENTINA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 144 ARGENTINA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

9.6.4 REST OF SOUTH AMERICA

TABLE 145 REST OF SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2019–2021 (USD MILLION)

TABLE 146 REST OF SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY APPLICATION, 2022–2028 (USD MILLION)

TABLE 147 REST OF SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2019–2021 (USD MILLION)

TABLE 148 REST OF SOUTH AMERICA: ELECTRONIC CHEMICALS AND MATERIALS MARKET, BY TYPE, 2022–2028 (USD MILLION)

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 KEY PLAYER STRATEGIES/RIGHT TO WIN

10.3 REVENUE ANALYSIS (2018–2022)

FIGURE 39 REVENUE ANALYSIS FOR KEY COMPANIES IN LAST FIVE YEARS

10.4 MARKET SHARE ANALYSIS (2022)

FIGURE 40 MARKET SHARE OF KEY PLAYERS IN ELECTRONIC CHEMICALS AND MATERIALS MARKET, 2022

TABLE 149 ELECTRONIC CHEMICALS AND MATERIALS MARKET: DEGREE OF COMPETITION

10.5 COMPANY VALUATION AND FINANCIAL METRICS

FIGURE 41 COMPANY VALUATION (USD BILLION)

FIGURE 42 FINANCIAL MATRIX: EV/EBITDA RATIO

10.6 BRAND/PRODUCT COMPARISON

FIGURE 43 ELECTRONIC CHEMICALS AND MATERIALS MARKET:

BRAND/PRODUCT COMPARISON

10.7 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2022

10.7.1 STARS

10.7.2 EMERGING LEADERS

10.7.3 PERVASIVE PLAYERS

10.7.4 PARTICIPANTS

FIGURE 44 ELECTRONIC CHEMICALS AND MATERIALS MARKET COMPANY
EVALUATION MATRIX, 2022

10.7.5 COMPANY FOOTPRINT

FIGURE 45 ELECTRONIC CHEMICALS AND MATERIALS MARKET: COMPANY
FOOTPRINT (13 COMPANIES)

TABLE 150 ELECTRONIC CHEMICALS AND MATERIALS MARKET: COMPANY
FOOTPRINT (12 COMPANIES)

TABLE 151 ELECTRONIC CHEMICALS AND MATERIALS MARKET: TYPE
FOOTPRINT (13 COMPANIES)

TABLE 152 ELECTRONIC CHEMICALS AND MATERIALS MARKET: REGIONAL
FOOTPRINT (12 COMPANIES)

10.8 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2022

10.8.1 PROGRESSIVE COMPANIES

10.8.2 RESPONSIVE COMPANIES

10.8.3 DYNAMIC COMPANIES

10.8.4 STARTING BLOCKS

FIGURE 46 ELECTRONIC CHEMICALS AND MATERIALS MARKET: STARTUP/SME
EVALUATION MATRIX, 2022

10.8.5 COMPETITIVE BENCHMARKING

TABLE 153 ELECTRONIC CHEMICALS AND MATERIALS MARKET: KEY
STARTUPS/SMES

TABLE 154 ELECTRONIC CHEMICALS AND MATERIALS MARKET: COMPETITIVE
BENCHMARKING OF KEY STARTUPS/SMES

10.9 COMPETITIVE SCENARIO AND TRENDS

10.9.1 DEALS

TABLE 155 DEALS, 2019–2023

10.9.2 EXPANSIONS

TABLE 156 EXPANSIONS, 2019–2024

11 COMPANY PROFILES

11.1 KEY PLAYERS

(Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))*

11.1.1 LINDE PLC

TABLE 157 LINDE PLC: COMPANY OVERVIEW

FIGURE 47 LINDE PLC: COMPANY SNAPSHOT

TABLE 158 LINDE PLC: PRODUCTS/SOLUTIONS/SERVICES OFFERINGS

TABLE 159 LINDE PLC: DEALS

TABLE 160 LINDE PLC: EXPANSIONS

11.1.2 AIR PRODUCTS AND CHEMICALS, INC.

TABLE 161 AIR PRODUCTS AND CHEMICALS, INC: COMPANY OVERVIEW

FIGURE 48 AIR PRODUCTS AND CHEMICALS, INC.: COMPANY SNAPSHOT

TABLE 162 AIR PRODUCTS AND CHEMICALS, INC.: DEALS

TABLE 163 AIR PRODUCTS AND CHEMICALS, INC.: OTHERS

11.1.3 FUJIFILM CORPORATION

TABLE 164 FUJIFILM CORPORATION: COMPANY OVERVIEW

FIGURE 49 FUJIFILM CORPORATION: COMPANY SNAPSHOT

TABLE 165 FUJIFILM CORPORATION: DEALS

TABLE 166 FUJIFILM CORPORATION: OTHERS

11.1.4 RESONAC HOLDINGS CORPORATION

TABLE 167 RESONAC HOLDINGS CORPORATION: COMPANY OVERVIEW

FIGURE 50 RESONAC HOLDINGS CORPORATION: COMPANY SNAPSHOT

TABLE 168 RESONAC HOLDINGS CORPORATION: DEALS

TABLE 169 RESONAC HOLDINGS CORPORATION: PRODUCT LAUNCHES

TABLE 170 RESONAC HOLDINGS CORPORATION: OTHERS

11.1.5 AIR LIQUIDE

TABLE 171 AIR LIQUIDE: COMPANY OVERVIEW

FIGURE 51 AIR LIQUIDE: COMPANY SNAPSHOT

TABLE 172 AIR LIQUIDE.: DEALS

TABLE 173 AIR LIQUIDE: OTHER DEVELOPMENTS

11.1.6 SOLVAY

TABLE 174 SOLVAY: COMPANY OVERVIEW

FIGURE 52 SOLVAY: COMPANY SNAPSHOT

TABLE 175 SOLVAY: DEALS

TABLE 176 SOLVAY: PRODUCT LAUNCHES

TABLE 177 SOLVAY: OTHERS

11.1.7 BASF SE

TABLE 178 BASF SE: COMPANY OVERVIEW

FIGURE 53 BASF SE: COMPANY SNAPSHOT

TABLE 179 BASF SE: DEALS

TABLE 180 BASF SE: PRODUCT LAUNCHES

TABLE 181 BASF SE: OTHERS

11.1.8 SHIN-ETSU CHEMICAL CO., LTD.

TABLE 182 SHIN-ETSU CHEMICAL CO., LTD.: COMPANY OVERVIEW

FIGURE 54 SHIN-ETSU CHEMICAL CO., LTD.: COMPANY SNAPSHOT

TABLE 183 SHIN-ETSU CHEMICAL CO., LTD.: DEALS

TABLE 184 SHIN-ETSU CHEMICAL CO., LTD.: PRODUCT LAUNCHES

TABLE 185 SHIN-ETSU CHEMICAL CO., LTD.: OTHERS

11.1.9 MERCK KGAA

TABLE 186 MERCK KGAA: COMPANY OVERVIEW

FIGURE 55 MERCK KGAA: COMPANY SNAPSHOT

TABLE 187 MERCK KGAA: DEALS

TABLE 188 MERCK KGAA: PRODUCT LAUNCHES

TABLE 189 MERCK KGAA: OTHERS

11.1.10 COVESTRO AG

TABLE 190 COVESTRO AG: COMPANY OVERVIEW

FIGURE 56 COVESTRO AG: COMPANY SNAPSHOT

TABLE 191 COVESTRO AG: DEALS

TABLE 192 COVESTRO AG: OTHERS

11.2 OTHER PLAYERS

11.2.1 SONGWON

TABLE 193 SONGWON: COMPANY OVERVIEW

11.2.2 HONSHU CHEMICAL INDUSTRY CO., LTD.

TABLE 194 HONSHU CHEMICAL INDUSTRY CO., LTD.: COMPANY OVERVIEW

11.2.3 MITSUI CHEMICALS AMERICA, INC.

TABLE 195 MITSUI CHEMICALS AMERICA, INC.: COMPANY OVERVIEW

11.2.4 KEMLAB INC.

TABLE 196 KEMLAB INC.: COMPANY OVERVIEW

11.2.5 PHICHEM CORPORATION

TABLE 197 PHICHEM CORPORATION: COMPANY OVERVIEW

11.2.6 JIANGSU ARICEN ELECTRONIC MATERIALS CO., LTD

TABLE 198 JIANGSU ARICEN ELECTRONIC MATERIALS CO., LTD: COMPANY OVERVIEW

11.2.7 EFC GASES & ADVANCED MATERIALS

TABLE 199 EFC GASES & ADVANCED MATERIALS: COMPANY OVERVIEW

11.2.8 TECHMER PM

TABLE 200 TECHMER PM: COMPANY OVERVIEW

11.2.9 RTP COMPANY

TABLE 201 RTP COMPANY: COMPANY OVERVIEW

11.2.10 TECHNIC INC

TABLE 202 TECHNIC INC: COMPANY OVERVIEW

11.2.11 SUMCO CORP.

TABLE 203 SUMCO CORP.: COMPANY OVERVIEW

11.2.12 ZHEJIANG KAISN FLUOROCHEMICAL CO. LTD

TABLE 204 ZHEJIANG KAISN FLUOROCHEMICAL CO. LTD: COMPANY OVERVIEW

11.2.13 TRANSENE, COMPANY, INC.

TABLE 205 TRANSENE COMPANY, INC.: COMPANY OVERVIEW

11.2.14 ALFA CHEMISTRY

TABLE 206 ALFA CHEMISTRY: COMPANY OVERVIEW

11.2.15 HTP HITECH PHOTOPOLYMERE AG

TABLE 207 HTP HITECH PHOTOPOLYMERE AG: COMPANY OVERVIEW

11.2.16 HELIOUS SPECIALTY GASES PVT. LTD

TABLE 208 HELIOUS SPECIALTY GASES PVT. LTD: COMPANY OVERVIEW

11.2.17 GRUPPO SIAD

TABLE 209 GRUPPO SIAD: COMPANY OVERVIEW

11.2.18 ENSINGER

TABLE 210 ENSINGER: COMPANY OVERVIEW

11.2.19 FREIBERGER COMPOUND MATERIALS

TABLE 211 FREIBERGER COMPOUND MATERIALS: COMPANY OVERVIEW

11.2.20 GLOBALWAFERS CO., LTD

TABLE 212 GLOBALWAFERS CO., LTD: COMPANY OVERVIEW

*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

12 APPENDIX

12.1 DISCUSSION GUIDE

12.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

12.3 CUSTOMIZATION OPTIONS

12.4 RELATED REPORTS

12.5 AUTHOR DETAILS

I would like to order

Product name: Electronic Chemicals and Materials Market by Type (Specialty Gases, CMP Slurries, Conductive Polymers, Photoresist Chemicals, Low K Dielectrics, Wet Chemicals, Silicon Wafers, PCB Laminates), Application, and Region - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/E9808039F14EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E9808039F14EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970