

# **Global Etching Chemicals Market Size study & Forecast, by End Use Industry (Aerospace, Electronic, Medical, Automotive, Construction, Others), by Type (Si Etching Solution, Al Etching Solution, Au Etching Solution, Others), by Application (Chemical Etching, Photo chemical Etching, Electro chemical Etching), and Regional Analysis, 2023-2030**

<https://marketpublishers.com/r/G35D2D66ACB2EN.html>

Date: December 2023

Pages: 200

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

ID: G35D2D66ACB2EN

## **Abstracts**

Global Etching Chemicals Market is valued at approximately USD 1.7 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 5.9% over the forecast period 2023-2030. Etching chemicals, also known as etchants, are chemical substances used in a process called etching. Etching is a technique used to selectively remove material from a surface, typically to create patterns, and designs, or to engrave information. Etching is commonly used in various industries, including electronics, metalworking, and printmaking. The choice of etching chemical depends on the material being etched. The Etching Chemicals Market is being driven by factors such as an increase in demand for etching chemicals from the electronic industry and the expansion of the automotive industry.

Etching chemicals are mostly used in the electronic industry, etching chemicals are used to selectively remove material from the surface of electronic components, such as metals or semiconductors, to create precise patterns and structures necessary for circuitry and device functionality. According to Statista, the annual revenue of the electronic industry in 2022 was, USD 987 billion and estimated to reach USD 1027 billion by end of 2023. Additionally, global government authorities are making efforts to support the growth of electronic products in their respective countries. For instance, the Government of India released the National Electronics Policy 2018, intending to achieve

a turnover of about USD 400 billion in domestic electronics manufacturing by 2025. This is likely to boost the adoption of modern technologies. Thus, the increasing size of the electronic industry fueling the growth of Etching Chemicals Market. In addition to an increase in the usage of etching chemicals in the 3D Printing industry and increasing investments in high-tech products. However, the health hazards associated with etching chemicals and competition from alternative technologies stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Etching Chemicals Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the increasing electronics manufacturing in the region and the region has also experienced significant growth in the electronics industry, with the presence of major consumer electronics manufacturers, such as Samsung, LG, Sony, and Panasonic. Etching chemicals are essential for the fabrication of integrated circuits, displays, and other electronic components, which are in high demand in this region. Asia Pacific is also considered as the fastest growing region due to its strong consumer base and rising disposable income in the region.

Major market players included in this report are:

KANTO KAGAKU

BASF SE

SACHEM, INC.

DAIKIN INDUSTRIES, Ltd.

Mitsubishi Chemical Corporation

ADEKA CORPORATION

Solvay

Stella Chemifa Corporation

ZEON CORPORATION

Nagase ChemteX Corporation

## Recent Developments in the Market:

In October 2021, Micrometal GmbH launched a new website ([www.micrometal.de](http://www.micrometal.de)) that has a significant market impact as it addresses the needs of professionals seeking a reliable and consistent supply of intricate, geometrically complex metal parts and components through their advanced Photo-Chemical Etching (PCE) process. This development provides professionals with an invaluable resource for accessing high-quality metal parts, streamlining their supply chain, and enabling the production of sophisticated products with precision.

## Global Etching Chemicals Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – End Use Industry, Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

#### By End Use Industry:

Aerospace

Electronic

Medical

Automotive

Construction

Others

#### By Type:

Si Etching Solution

Al Etching Solution

Au Etching Solution

Ag Etching Solution

Copper Etching Solution

ITO Etching Solution

Etching Gas

Others

#### By Application:

*Global Etching Chemicals Market Size study & Forecast, by End Use Industry (Aerospace, Electronic, Medical, Au...*

Chemical Etching

Photo chemical Etching

Electro chemical Etching

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Etching Chemicals Market, by Region, 2020-2030 (USD Billion)
  - 1.2.2. Etching Chemicals Market, by End Use Industry, 2020-2030 (USD Billion)
  - 1.2.3. Etching Chemicals Market, by Type, 2020-2030 (USD Billion)
  - 1.2.4. Etching Chemicals Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL ETCHING CHEMICALS MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL ETCHING CHEMICALS MARKET DYNAMICS**

- 3.1. Etching Chemicals Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing demand for etching chemicals from the electronic industry
    - 3.1.1.2. Expansion of the automotive industry
  - 3.1.2. Market Challenges
    - 3.1.2.1. Health hazards associated with etching chemicals
    - 3.1.2.2. Competition from alternative technologies
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Increase in usage of etching chemicals in the 3D Printing industry
    - 3.1.3.2. Increasing investments in high-tech products

### **CHAPTER 4. GLOBAL ETCHING CHEMICALS MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL ETCHING CHEMICALS MARKET, BY END USE INDUSTRY**

- 5.1. Market Snapshot
- 5.2. Global Etching Chemicals Market by End Use Industry, Performance - Potential Analysis
- 5.3. Global Etching Chemicals Market Estimates & Forecasts by End Use Industry 2020-2030 (USD Billion)
- 5.4. Etching Chemicals Market, Sub Segment Analysis
  - 5.4.1. Aerospace
  - 5.4.2. Electronic
  - 5.4.3. Medical
  - 5.4.4. Automotive
  - 5.4.5. Construction
  - 5.4.6. Others

## **CHAPTER 6. GLOBAL ETCHING CHEMICALS MARKET, BY TYPE**

- 6.1. Market Snapshot
- 6.2. Global Etching Chemicals Market by Type, Performance - Potential Analysis



6.3. Global Etching Chemicals Market Estimates & Forecasts by Type 2020-2030 (USD Billion)

6.4. Etching Chemicals Market, Sub Segment Analysis

- 6.4.1. Si Etching Solution
- 6.4.2. Al Etching Solution
- 6.4.3. Au Etching Solution
- 6.4.4. Ag Etching Solution
- 6.4.5. Copper Etching Solution
- 6.4.6. ITO Etching Solution
- 6.4.7. Etching Gas
- 6.4.8. Others

## **CHAPTER 7. GLOBAL ETCHING CHEMICALS MARKET, BY APPLICATION**

7.1. Market Snapshot

7.2. Global Etching Chemicals Market by Application, Performance - Potential Analysis

7.3. Global Etching Chemicals Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

7.4. Etching Chemicals Market, Sub Segment Analysis

- 7.4.1. Chemical Etching
- 7.4.2. Photo chemical Etching
- 7.4.3. Electro chemical Etching

## **CHAPTER 8. GLOBAL ETCHING CHEMICALS MARKET, REGIONAL ANALYSIS**

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Etching Chemicals Market, Regional Market Snapshot

8.4. North America Etching Chemicals Market

8.4.1. U.S. Etching Chemicals Market

8.4.1.1. End Use Industry breakdown estimates & forecasts, 2020-2030

8.4.1.2. Type breakdown estimates & forecasts, 2020-2030

8.4.1.3. Application breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Etching Chemicals Market

8.5. Europe Etching Chemicals Market Snapshot

8.5.1. U.K. Etching Chemicals Market

8.5.2. Germany Etching Chemicals Market

8.5.3. France Etching Chemicals Market

8.5.4. Spain Etching Chemicals Market

- 8.5.5. Italy Etching Chemicals Market
- 8.5.6. Rest of Europe Etching Chemicals Market
- 8.6. Asia-Pacific Etching Chemicals Market Snapshot
  - 8.6.1. China Etching Chemicals Market
  - 8.6.2. India Etching Chemicals Market
  - 8.6.3. Japan Etching Chemicals Market
  - 8.6.4. Australia Etching Chemicals Market
  - 8.6.5. South Korea Etching Chemicals Market
  - 8.6.6. Rest of Asia Pacific Etching Chemicals Market
- 8.7. Latin America Etching Chemicals Market Snapshot
  - 8.7.1. Brazil Etching Chemicals Market
  - 8.7.2. Mexico Etching Chemicals Market
- 8.8. Middle East & Africa Etching Chemicals Market
  - 8.8.1. Saudi Arabia Etching Chemicals Market
  - 8.8.2. South Africa Etching Chemicals Market
  - 8.8.3. Rest of Middle East & Africa Etching Chemicals Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. KANTO KAGAKU
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Recent Developments
  - 9.3.2. BASF SE
  - 9.3.3. SACHEM, INC.
  - 9.3.4. DAIKIN INDUSTRIES, Ltd.
  - 9.3.5. Mitsubishi Chemical Corporation
  - 9.3.6. ADEKA CORPORATION
  - 9.3.7. Solvay
  - 9.3.8. Stella Chemifa Corporation
  - 9.3.9. ZEON CORPORATION

9.3.10. Nagase ChemteX Corporation

## **CHAPTER 10. RESEARCH PROCESS**

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Etching Chemicals Market, report scope

TABLE 2. Global Etching Chemicals Market estimates & forecasts by Region  
2020-2030 (USD Billion)

TABLE 3. Global Etching Chemicals Market estimates & forecasts by End Use Industry  
2020-2030 (USD Billion)

TABLE 4. Global Etching Chemicals Market estimates & forecasts by Type 2020-2030  
(USD Billion)

TABLE 5. Global Etching Chemicals Market estimates & forecasts by Application  
2020-2030 (USD Billion)

TABLE 6. Global Etching Chemicals Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 7. Global Etching Chemicals Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 8. Global Etching Chemicals Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 9. Global Etching Chemicals Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 10. Global Etching Chemicals Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 11. Global Etching Chemicals Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 12. Global Etching Chemicals Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 13. Global Etching Chemicals Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 14. Global Etching Chemicals Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 15. Global Etching Chemicals Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 16. U.S. Etching Chemicals Market estimates & forecasts, 2020-2030 (USD  
Billion)

TABLE 17. U.S. Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 18. U.S. Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 19. Canada Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Etching Chemicals Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. RoE Etching Chemicals Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 40. China Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 42. China Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 43. India Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 45. India Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 46. Japan Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 48. Japan Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 49. South Korea Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 51. South Korea Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 52. Australia Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 54. Australia Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 55. RoAPAC Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 57. RoAPAC Etching Chemicals Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 58. Brazil Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Etching Chemicals Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Etching Chemicals Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. 12. List of secondary sources, used in the study of global Etching Chemicals Market

TABLE 71. 12. List of primary sources, used in the study of global Etching Chemicals Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures are dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Etching Chemicals Market, research methodology
  - FIG 2. Global Etching Chemicals Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Etching Chemicals Market, key trends 2022
  - FIG 5. Global Etching Chemicals Market, growth prospects 2023-2030
  - FIG 6. Global Etching Chemicals Market, porters 5 force model
  - FIG 7. Global Etching Chemicals Market, pest analysis
  - FIG 8. Global Etching Chemicals Market, value chain analysis
  - FIG 9. Global Etching Chemicals Market by segment, 2020 & 2030 (USD Billion)
  - FIG 10. Global Etching Chemicals Market by segment, 2020 & 2030 (USD Billion)
  - FIG 11. Global Etching Chemicals Market by segment, 2020 & 2030 (USD Billion)
  - FIG 12. Global Etching Chemicals Market by segment, 2020 & 2030 (USD Billion)
  - FIG 13. Global Etching Chemicals Market by segment, 2020 & 2030 (USD Billion)
  - FIG 14. Global Etching Chemicals Market, regional snapshot 2020 & 2030
  - FIG 15. North America Etching Chemicals Market 2020 & 2030 (USD Billion)
  - FIG 16. Europe Etching Chemicals Market 2020 & 2030 (USD Billion)
  - FIG 17. Asia pacific Etching Chemicals Market 2020 & 2030 (USD Billion)
  - FIG 18. Latin America Etching Chemicals Market 2020 & 2030 (USD Billion)
  - FIG 19. Middle East & Africa Etching Chemicals Market 2020 & 2030 (USD Billion)
- List of tables and figures are dummy in nature, final lists may vary in the final deliverable



## I would like to order

Product name: Global Etching Chemicals Market Size study & Forecast, by End Use Industry (Aerospace, Electronic, Medical, Automotive, Construction, Others), by Type (Si Etching Solution, Al Etching Solution, Au Etching Solution, Others), by Application (Chemical Etching, Photo chemical Etching, Electro chemical Etching), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G35D2D66ACB2EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G35D2D66ACB2EN.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