

Battery Electrolyte Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/B6E9EC8DF157EN.html>

Date: April 2022

Pages: 143

Price: US\$ 2,499.00 (Single User License)

ID: B6E9EC8DF157EN

Abstracts

The global battery electrolyte market reached a value of US\$ 8.54 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 13.48 Billion by 2027, exhibiting a CAGR of 7.9% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic. These insights are included in the report as a major market contributor.

Electrolytes are liquid or paste-like substances that transport positively charged ions between the cathode and anode terminals inside batteries to produce electricity. Their different chemical compounds find application depending on the type of battery. For instance, lead-acid batteries use sulfuric acid to create the intended reaction, while household alkaline batteries contain potassium hydroxide as electrolytes. Similarly, zinc-air batteries rely on oxidizing zinc with oxygen and lithium batteries have lithium salt solution, such as lithium hexafluorophosphate (LiPF₆).

Battery Electrolyte Market Trends:

The emerging trend of high-end consumer electronics, such as smartphones, laptops, digital cameras, gaming consoles, and torches, represents one of the major factors driving the demand for electrolyte-based lithium-ion batteries worldwide. Moreover, the escalating demand for electric vehicles (EVs) on account of the growing focus on sustainable development and the awareness about the adverse effects of using petroleum-based automobiles is impelling the market growth. Additionally, governing agencies of numerous countries are offering subsidies and implementing favorable initiatives to promote the adoption of EVs, which, in turn, is contributing to market growth. Apart from this, increasing sales of vacuum cleaners due to sedentary lifestyles,

hectic working schedules, inflating income levels, and rapid urbanization are driving the sales of battery electrolytes around the world. This can also be accredited to the growing popularity of smart homes and the rising demand for automated products that can perform household activities in a time-efficient manner. Furthermore, the application of battery electrolytes is expanding in the manufacturing of alkaline zinc–manganese oxide batteries. As a result, the escalating demand for these batteries in still digital cameras, portable liquid crystal televisions (TVs), shavers, office-use appliances, and game equipment is anticipated to drive the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global battery electrolyte market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on battery type, electrolyte type and end user.

Breakup by Battery Type:

- Lead Acid
- Lithium-ion
- Flow Battery
- Others

Breakup by Electrolyte Type:

- Liquid Electrolyte
- Solid Electrolyte
- Gel Electrolyte
- Sodium Chloride
- Nitric Acid
- Sulphuric Acid
- Others

Breakup by End User:

- Electric Vehicle
- Energy Storage
- Consumer Electronics
- Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 3M Company, American Elements, BASF SE, GS Yuasa International Ltd., Guangzhou Tinci Materials Technology Co. Ltd., Johnson Controls, LG Chem Ltd., Mitsubishi Chemical Corporation, Mitsui Chemicals Inc., Shenzhen Capchem Technology Co. Ltd., Targray and Ube Industries Ltd. Key

Questions Answered in This Report:

How has the global battery electrolyte market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global battery electrolyte market?

What are the key regional markets?

What is the breakup of the market based on the battery type?

What is the breakup of the market based on the electrolyte type?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global battery electrolyte market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL BATTERY ELECTROLYTE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY BATTERY TYPE

- 6.1 Lead Acid
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Lithium-ion
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Flow Battery

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY ELECTROLYTE TYPE

- 7.1 Liquid Electrolyte
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Solid Electrolyte
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Gel Electrolyte
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Sodium Chloride
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Nitric Acid
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast
- 7.6 Sulphuric Acid
 - 7.6.1 Market Trends
 - 7.6.2 Market Forecast
- 7.7 Others
 - 7.7.1 Market Trends
 - 7.7.2 Market Forecast

8 MARKET BREAKUP BY END USER

- 8.1 Electric Vehicle
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Energy Storage
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Consumer Electronics

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Others

8.4.1 Market Trends

8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

- 9.3.1.1 Market Trends
- 9.3.1.2 Market Forecast
- 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 3M Company

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 American Elements

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.3 BASF SE

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.3.3 Financials

14.3.3.4 SWOT Analysis

14.3.4 GS Yuasa International Ltd.

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

- 14.3.4.4 SWOT Analysis
- 14.3.5 Guangzhou Tinci Materials Technology Co. Ltd.
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
- 14.3.6 Johnson Controls
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
- 14.3.7 LG Chem Ltd.
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.7.4 SWOT Analysis
- 14.3.8 Mitsubishi Chemical Corporation
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
- 14.3.9 Mitsui Chemicals Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 Shenzhen Capchem Technology Co. Ltd.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
- 14.3.11 Targray
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Ube Industries Ltd.
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
 - 14.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Battery Electrolyte Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Battery Electrolyte Market Forecast: Breakup by Battery Type (in Million US\$), 2022-2027

Table 3: Global: Battery Electrolyte Market Forecast: Breakup by Electrolyte Type (in Million US\$), 2022-2027

Table 4: Global: Battery Electrolyte Market Forecast: Breakup by End User (in Million US\$), 2022-2027

Table 5: Global: Battery Electrolyte Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Battery Electrolyte Market: Competitive Structure

Table 7: Global: Battery Electrolyte Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Battery Electrolyte Market: Major Drivers and Challenges

Figure 2: Global: Battery Electrolyte Market: Sales Value (in Billion US\$), 2016-2021

Figure 3: Global: Battery Electrolyte Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 4: Global: Battery Electrolyte Market: Breakup by Battery Type (in %), 2021

Figure 5: Global: Battery Electrolyte Market: Breakup by Electrolyte Type (in %), 2021

Figure 6: Global: Battery Electrolyte Market: Breakup by End User (in %), 2021

Figure 7: Global: Battery Electrolyte Market: Breakup by Region (in %), 2021

Figure 8: Global: Battery Electrolyte (Lead Acid) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Battery Electrolyte (Lead Acid) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Battery Electrolyte (Lithium-ion) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Battery Electrolyte (Lithium-ion) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Battery Electrolyte (Flow Battery) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Battery Electrolyte (Flow Battery) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Battery Electrolyte (Other Battery Types) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Battery Electrolyte (Other Battery Types) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Battery Electrolyte (Liquid Electrolyte) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Battery Electrolyte (Liquid Electrolyte) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Battery Electrolyte (Solid Electrolyte) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Battery Electrolyte (Solid Electrolyte) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Battery Electrolyte (Gel Electrolyte) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 21: Global: Battery Electrolyte (Gel Electrolyte) Market Forecast: Sales Value (in

Million US\$), 2022-2027

Figure 22: Global: Battery Electrolyte (Sodium Chloride) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Battery Electrolyte (Sodium Chloride) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Battery Electrolyte (Nitric Acid) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Battery Electrolyte (Nitric Acid) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Battery Electrolyte (Sulphuric Acid) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Battery Electrolyte (Sulphuric Acid) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: Global: Battery Electrolyte (Other Electrolyte Types) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: Global: Battery Electrolyte (Other Electrolyte Types) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: Global: Battery Electrolyte (Electric Vehicle) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: Global: Battery Electrolyte (Electric Vehicle) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: Global: Battery Electrolyte (Energy Storage) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: Global: Battery Electrolyte (Energy Storage) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: Global: Battery Electrolyte (Consumer Electronics) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: Global: Battery Electrolyte (Consumer Electronics) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: Global: Battery Electrolyte (Other End Users) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: Global: Battery Electrolyte (Other End Users) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: North America: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 39: North America: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: United States: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: United States: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: Canada: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: Canada: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 44: Asia-Pacific: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: Asia-Pacific: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: China: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: China: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Japan: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Japan: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: India: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: India: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: South Korea: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: South Korea: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: Australia: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: Australia: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: Indonesia: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: Indonesia: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 58: Others: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: Others: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: Europe: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: Europe: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Germany: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 &

2021

Figure 63: Germany: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: France: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: France: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: United Kingdom: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: United Kingdom: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Italy: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Italy: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Spain: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Spain: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Russia: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Russia: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Others: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Others: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 76: Latin America: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 77: Latin America: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 78: Brazil: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 79: Brazil: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 80: Mexico: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 81: Mexico: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 82: Others: Battery Electrolyte Market: Sales Value (in Million US\$), 2016 & 2021

Figure 83: Others: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 84: Middle East and Africa: Battery Electrolyte Market: Sales Value (in Million

US\$), 2016 & 2021

Figure 85: Middle East and Africa: Battery Electrolyte Market: Breakup by Country (in %), 2021

Figure 86: Middle East and Africa: Battery Electrolyte Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 87: Global: Battery Electrolyte Industry: SWOT Analysis

Figure 88: Global: Battery Electrolyte Industry: Value Chain Analysis

Figure 89: Global: Battery Electrolyte Industry: Porter's Five Forces Analysis

I would like to order

Product name: Battery Electrolyte Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

Product link: <https://marketpublishers.com/r/B6E9EC8DF157EN.html>

Price: US\$ 2,499.00 (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/B6E9EC8DF157EN.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

