

## **United States Electrolytic Manganese Dioxide Market Report and Forecast 2024-2032**

Market Report | 2023-11-20 | 205 pages | EMR Inc.

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### **Report description:**

United States Electrolytic Manganese Dioxide Market Report and Forecast 2024-2032

#### Market Outlook

According to the report by Expert Market Research (EMR), the United States electrolytic manganese dioxide market is projected to grow at a CAGR of 5.70% between 2024 and 2032. Aided by the growing demand for high-performance batteries and the increasing applications of EMD in the electronics industry, the market is expected to grow significantly by 2032.

Electrolytic manganese dioxide is a critical component utilised in the manufacture of batteries, specifically alkaline batteries, and lithium-ion batteries. EMD exhibits superior efficiency and longevity, making it a preferred choice for battery manufacturers. Apart from its primary use in batteries, EMD is increasingly finding applications in the electronics sector, in water treatment plants for the oxidation of soluble iron and manganese, and in the glass and ceramics industry as a decolouriser.

The upsurge in demand for portable electronic devices, electric vehicles, and renewable energy storage systems has significantly fuelled the United States electrolytic manganese dioxide market growth. The continual advancements in technology have resulted in an escalating need for power storage solutions, underlining the importance of high-performance batteries. With EMD being a vital component in these batteries, its market has experienced robust expansion.

The rapid pace of urbanisation and the corresponding rise in the consumption of electronic goods and electric vehicles have provided a substantial impetus to the United States electrolytic manganese dioxide market expansion. Moreover, the increased awareness about renewable energy sources and the corresponding need for efficient energy storage systems have magnified the role of EMD in the contemporary energy ecosystem.

Further, the shift towards more sustainable energy storage systems has emphasised the importance of EMD in battery production, thereby augmenting its demand. In the realm of electric vehicles, the quest for improving driving range and battery longevity necessitates the use of superior components like EMD, bolstering the United States electrolytic manganese dioxide market demand.

Innovation and technology development presents significant potential for the future of the EMD market. Improved processing techniques can lead to more efficient and cost-effective production of EMD. Additionally, the development of newer battery technologies and the continuous evolution of the electronics industry offers extensive growth opportunities for EMD.

#### Market Segmentation □

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The market can be divided based on application and region.

#### Market Breakup by Application

- Batteries
  - o□ Alkaline Batteries
  - o□ Zinc-Carbon Batteries
  - o□ Li-ion Batteries
  - o□ Others
- Water Treatment
- Others

#### Market Breakup by Region

- New England
- Mideast
- Great Lakes
- Plains
- Southeast
- Southwest
- Rocky Mountain
- Far West

#### Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the United States electrolytic manganese dioxide market. Some of the major players explored in the report by Expert Market Research are as follows:

- Tronox Holdings plc
- Prince International Corporation
- American Manganese Inc.
- Borman Specialty Materials
- Mesa Minerals Partners
- Others

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#### Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description

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- 3.1 Market Definition and Outlook
- 3.2 Properties and Applications
- 3.3 Market Analysis
- 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
  - 5.1 Overview
  - 5.2 Key Drivers
  - 5.3 Key Developments
  - 5.4 Competitive Structure
  - 5.5 Key Industrial Trends
- 6 Market Snapshot
- 7 Opportunities and Challenges in the Market
- 8 United States Electrolytic Manganese Dioxide Market Analysis
  - 8.1 Key Industry Highlights
  - 8.2 United States Electrolytic Manganese Dioxide Historical Market (2018-2023)
  - 8.3 United States Electrolytic Manganese Dioxide Market Forecast (2024-2032)
  - 8.4 United States Electrolytic Manganese Dioxide Market by Application
    - 8.4.1 Batteries
      - 8.4.1.1 Market Share
      - 8.4.1.2 Historical Trend (2018-2023)
      - 8.4.1.3 Forecast Trend (2024-2032)
      - 8.4.1.4 Market by Type
        - 8.4.1.4.1 Alkaline Batteries
        - 8.4.1.4.2 Zinc-Carbon Batteries
        - 8.4.1.4.3 Li-ion Batteries
        - 8.4.1.4.4 Others
    - 8.4.2 Water Treatment
      - 8.4.2.1 Market Share
      - 8.4.2.2 Historical Trend (2018-2023)
      - 8.4.2.3 Forecast Trend (2024-2032)
    - 8.4.3 Others
  - 8.5 United States Electrolytic Manganese Dioxide Market by Region
    - 8.5.1 Market Share
      - 8.5.1.1 New England
      - 8.5.1.2 Mideast
      - 8.5.1.3 Great Lakes
      - 8.5.1.4 Plains
      - 8.5.1.5 Southeast
      - 8.5.1.6 Southwest
      - 8.5.1.7 Rocky Mountain
      - 8.5.1.8 Far West
- 9 Regional Analysis
  - 9.1 New England
    - 9.1.1 Historical Trend (2018-2023)
    - 9.1.2 Forecast Trend (2024-2032)
  - 9.2 Mideast

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- 9.2.1 Historical Trend (2018-2023)
- 9.2.2 Forecast Trend (2024-2032)
- 9.3 Great Lakes
  - 9.3.1 Historical Trend (2018-2023)
  - 9.3.2 Forecast Trend (2024-2032)
- 9.4 Plains
  - 9.4.1 Historical Trend (2018-2023)
  - 9.4.2 Forecast Trend (2024-2032)
- 9.5 Southeast
  - 9.5.1 Historical Trend (2018-2023)
  - 9.5.2 Forecast Trend (2024-2032)
- 9.6 Southwest
  - 9.6.1 Historical Trend (2018-2023)
  - 9.6.2 Forecast Trend (2024-2032)
- 9.7 Rocky Mountain
  - 9.7.1 Historical Trend (2018-2023)
  - 9.7.2 Forecast Trend (2024-2032)
- 9.8 Far West
  - 9.8.1 Historical Trend (2018-2023)
  - 9.8.2 Forecast Trend (2024-2032)
- 10 Market Dynamics
  - 10.1 SWOT Analysis
    - 10.1.1 Strengths
    - 10.1.2 Weaknesses
    - 10.1.3 Opportunities
    - 10.1.4 Threats
  - 10.2 Porter's Five Forces Analysis
    - 10.2.1 Supplier's Power
    - 10.2.2 Buyer's Power
    - 10.2.3 Threat of New Entrants
    - 10.2.4 Degree of Rivalry
    - 10.2.5 Threat of Substitutes
- 11 Price Analysis
- 12 Competitive Landscape
  - 12.1 Market Structure
  - 12.2 Company Profiles
    - 12.2.1 Tronox Holdings plc
      - 12.2.1.1 Company Overview
      - 12.2.1.2 Product Portfolio
      - 12.2.1.3 Demographic Reach and Achievements
      - 12.2.1.4 Certifications
    - 12.2.2 Prince International Corporation
      - 12.2.2.1 Company Overview
      - 12.2.2.2 Product Portfolio
      - 12.2.2.3 Demographic Reach and Achievements
      - 12.2.2.4 Certifications
    - 12.2.3 American Manganese Inc.

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- 12.2.3.1 Company Overview
- 12.2.3.2 Product Portfolio
- 12.2.3.3 Demographic Reach and Achievements
- 12.2.3.4 Certifications
- 12.2.4 Borman Specialty Materials
  - 12.2.4.1 Company Overview
  - 12.2.4.2 Product Portfolio
  - 12.2.4.3 Demographic Reach and Achievements
  - 12.2.4.4 Certifications
- 12.2.5 Mesa Minerals Partners
  - 12.2.5.1 Company Overview
  - 12.2.5.2 Product Portfolio
  - 12.2.5.3 Demographic Reach and Achievements
  - 12.2.5.4 Certifications
- 12.2.6 Others
- 13 Key Trends and Developments in the Market

#### List of Figures and Tables

1. United States Electrolytic Manganese Market: Key Industry Highlights, 2018 and 2032
2. United States Electrolytic Manganese Historical Market: Breakup by Application (USD Million), 2018-2023
3. United States Electrolytic Manganese Market Forecast: Breakup by Application (USD Million), 2024-2032
4. United States Electrolytic Manganese Historical Market: Breakup by Region (USD Million), 2018-2023
5. United States Electrolytic Manganese Market Forecast: Breakup by Region (USD Million), 2024-2032
6. United States Electrolytic Manganese Market Structure

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