

Sodium Dichromate Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2024-12-16 | 310 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$6050.00
- Enterprise User \$8350.00

Report description:

The Global Sodium Dichromate Market reached USD 1.5 billion in 2024 and is projected to grow at an impressive CAGR of 5.1% from 2025 to 2034. The rising demand for sodium dichromate, particularly in metal finishing and surface treatment applications, is a key driver of this growth. Expanding industries such as automotive, aerospace, and construction are fueling the need for durable, corrosion-resistant metal components, boosting the adoption of sodium dichromate as a crucial precursor for chromic acid production.

The market is segmented by form, including powder and crystal variants, with the powder form anticipated to dominate. By 2034, the powder segment is expected to contribute USD 869 million, thanks to its ease of handling, high solubility, and storage efficiency. These characteristics make it a preferred choice for applications in metal finishing, leather tanning, and chemical manufacturing. Its reactive properties further enhance its value in producing chromium-based compounds, cementing its role in industrial processes.

In terms of applications, the sodium dichromate market spans metal finishing, pigments and coatings, tanning agents, wood preservatives, and other uses. Metal finishing stood out as the dominant segment in 2024, capturing 29.5% of the market share. The chemical's critical role in improving metal durability, rust resistance, and aesthetic appeal underpins its widespread use across key industries. Sodium dichromate plays a pivotal role in electroplating and anodizing processes, making it indispensable for enhancing the surface strength and performance of metal components.

The U.S. market accounted for USD 321.8 million in 2024, driven by strong demand from sectors such as chemical manufacturing, leather processing, and advanced surface treatments. The rapid adoption of cutting-edge technologies in the automotive and aerospace industries is further propelling growth. Additionally, ongoing research into innovative applications, such as catalysts and pigments, is expanding the potential of sodium dichromate and unlocking new opportunities for market players.

Scotts International. EU Vat number: PL 6772247784

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

www.scott-international.com

Despite the robust growth outlook, regulatory restrictions on hexavalent chromium compounds present challenges. Manufacturers are actively adopting sustainable practices and exploring environmentally friendly alternatives to meet compliance standards without compromising demand. These efforts are expected to ensure a balanced trajectory for the market, aligning with both environmental regulations and industrial needs.

Table of Contents:

Report Content

Chapter 1 Methodology & Scope

1.1 Market scope & definition

1.2 Base estimates & calculations

1.3 Forecast calculation

1.4 Data sources

1.4.1 Primary

1.4.2 Secondary

1.4.2.1 Paid sources

1.4.2.2 Public sources

Chapter 2 Executive Summary

2.1 Industry synopsis, 2021-2034

Chapter 3 Industry Insights

3.1 Industry ecosystem analysis

3.1.1 Factor affecting the value chain

3.1.2 Profit margin analysis

3.1.3 Disruptions

3.1.4 Future outlook

3.1.5 Manufacturers

3.1.6 Distributors

3.2 Supplier landscape

3.3 Profit margin analysis

3.4 Key news & initiatives

3.5 Regulatory landscape

3.6 Impact forces

3.6.1 Growth drivers

3.6.1.1 Rising demand for sodium dichromate in metal finishing and surface treatment applications

3.6.1.2 Increasing use in the production of chromium-based pigments and coatings

3.6.1.3 Expansion of the chemical manufacturing sector

3.6.2 Industry pitfalls & challenges

3.6.2.1 Rising competition from alternative, eco-friendly substitutes

3.6.2.2 Strict environmental regulations due to the toxic nature of sodium dichromate

3.7 Growth potential analysis

3.8 Porter's analysis

3.9 PESTEL analysis

Chapter 4 Competitive Landscape, 2024

4.1 Introduction

4.2 Company market share analysis

4.3 Competitive positioning matrix

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

4.4 Strategic outlook matrix

Chapter 5 Market Size and Forecast, By Form, 2021-2034 (USD Billion, Kilo Tons)

5.1 Key trends

5.2 Powder

5.3 Crystal

Chapter 6 Market Size and Forecast, By Application, 2021-2034 (USD Billion, Kilo Tons)

6.1 Key trends

6.2 Metal finishing

6.3 pigments and coatings

6.4 Tanning agent

6.5 Wood preservative

6.6 Chemical intermediate

6.7 Others (catalysts, glass colorant, etc.)

Chapter 7 Market Size and Forecast, By End Use Industry, 2021-2034 (USD Billion, Kilo Tons)

7.1 Key trends

7.2 Metal and surface treatment

7.3 Textiles

7.4 Automotive

7.5 Chemicals

7.6 Leather

7.7 Others (aerospace, paint & coating, etc.)

Chapter 8 Market Size and Forecast, By Region, 2021-2034 (USD Billion, Kilo Tons)

8.1 Key trends

8.2 North America

8.2.1 U.S.

8.2.2 Canada

8.3 Europe

8.3.1 UK

8.3.2 Germany

8.3.3 France

8.3.4 Italy

8.3.5 Spain

8.3.6 Russia

8.4 Asia Pacific

8.4.1 China

8.4.2 India

8.4.3 Japan

8.4.4 South Korea

8.4.5 Australia

8.5 Latin America

8.5.1 Brazil

8.5.2 Mexico

8.6 MEA

8.6.1 South Africa

8.6.2 Saudi Arabia

8.6.3 UAE

Chapter 9 Company Profiles

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 9.1 中国 AD International
 - 9.2 日本 Brother Enterprises
 - 9.3 中国 Choice Organochem
 - 9.4 中国 Chongqing Changyuan
 - 9.5 印度 Dhairya International
 - 9.6 中国 Minfeng Chemical
 - 9.7 日本 Nippon Chemical Industrial
 - 9.8 中国 TNJ Chemical
 - 9.9 印度 Vishnu Chemicals
 - 9.10 中国 Yinhe Group
-

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

**Sodium Dichromate Market Opportunity, Growth Drivers, Industry Trend Analysis,
and Forecast 2025 - 2034**

Market Report | 2024-12-16 | 310 pages | Global Market Insights

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4850.00
	Multi User	\$6050.00
	Enterprise User	\$8350.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-06"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com