

Metal Finishing Chemicals Market Report by Product (Plating Chemicals, Conversion Coatings, Cleaning Chemicals, and Others), Process (Electroplating, Electroless Plating, Chemical and Electro Chemical Conversion, and Others), Material (Zinc, Nickel, Chromium, Aluminum, Copper, Precious Metals, and Others), Application (Automotive, Electrical and Electronics, Aerospace, Construction, and Others), and Region 2024-2032

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Abstracts

The global metal finishing chemicals market size reached US\$ 11.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 16.1 Billion by 2032, exhibiting a growth rate (CAGR) of 3.9% during 2024-2032.

Metal finishing chemicals are used to change the substrate of an article and improve its appearance and durability. They find application in the industrial sector to minimize corrosion, promote paint adhesion, strengthen substrate, increase wear resistance, and reduce friction effects. It is also employed in the automotive industry to increase solderability, improve chemical resistance, and enhance surface electrical conductivity. Some of the commonly utilized metal finishing chemicals include solvents and surfactants for cleaning, acids and bases for etching, and solutions for plating finish on the substrate.

Metal Finishing Chemicals Market Trends:

The increasing sales of automobiles worldwide represents one of the key factors

bolstering the market growth. Moreover, metal finishing chemicals are utilized in the aerospace industry to improve the durability and strength of different parts, reduce manufacturing cycle times, and maximize product yield. Due to improving living standards and the flourishing e-commerce and travel and tourism industries, significant growth in commercial aviation is also influencing the market growth. Apart from this, the rising demand for consumer electronics is promoting the adoption of metal finishing chemicals in the electronics industry for manufacturing connectors, interlocks, junction fittings, computer drive mechanisms, printed circuit boards (PCBs), lead wires terminals, and chassis memory drums and discs. Furthermore, on account of properties, including hardness and torque tolerance, the application of metal finishing chemicals is anticipated to expand in the production of jewelry. They help in shaping components, enhancing the bond of adhesives and organic coatings, and cleaning, polishing, and removing surface defects.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global metal finishing chemicals market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, process, material and application.

Breakup by Product:

Plating Chemicals

Conversion Coatings

Cleaning Chemicals

Others

Breakup by Process:

Electroplating

Electroless Plating

Chemical and Electro Chemical Conversion

Others

Breakup by Material:

Zinc

Nickel

Chromium

Aluminum

Copper

Precious Metals

Others

Breakup by Application:

Automotive

Electrical and Electronics

Aerospace

Construction

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 A Brite Company, Advanced Chemical Company, Atotech Deutschland GmbH, Chemetall GmbH, Coral Chemical Company, Dow Inc., Element Solutions Inc, Elementis plc, Henkel AG & Co. KGaA., Houghton International Inc. (Quaker Chemical Corporation), McGean-Rohco Inc. and NOF Corporation.

Key Questions Answered in This Report

1. What was the size of the global metal finishing chemicals market in 2023?
2. What is the expected growth rate of the global metal finishing chemicals market during 2024-2032?
3. What are the key factors driving the global metal finishing chemicals market?
4. What has been the impact of COVID-19 on the global metal finishing chemicals market?
5. What is the breakup of the global metal finishing chemicals market based on the product?
6. What is the breakup of the global metal finishing chemicals market based on the process?
7. What is the breakup of the global metal finishing chemicals market based on the material?
8. What is the breakup of the global metal finishing chemicals market based on the application?

9. What are the key regions in the global metal finishing chemicals market?
10. Who are the key players/companies in the global metal finishing chemicals market?

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