

North America Metal Finishing Chemicals Market (2019-2025)

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Abstracts

The North America Metal Finishing Chemicals Market would witness market growth of 4.44% CAGR during the forecast period (2019-2025).

In the aerospace industry, electroplating is used in valve components, rams pistons, and satellite and rocket components. It is also used in shock absorbers, sinks, gears, brake pistons, etc., in the automotive industry. Black oxide is a conversion coating formed by a chemical reaction that occurs when parts are immersed in the alkaline aqueous salt solution that operates at about 285 degrees F. The advantages of black oxide are no dimensional changes, light glare reduction, dark black colour, improved lubrication characteristics, temperature-resistant colour change, no white corrosion, and no hydrogen embrittlement. An increase in the demand for this product can be associated with the properties of metal finishing chemicals, such as corrosion resistance, wear, electrical, hardness, torque, and chemicals combined with electrical conductivity, metal surface appearance, and reflectivity.

Strict regulations on wastewater management and hazardous waste disposal for metal finishing industries have been enforced by agencies like EPA, REACH, and OSHA. The EPA's Clean Water Act developed stringent industrial wastewater regulations as it requires contaminants including cyanides, suspended solids, organic substances, and heavy salts. Such contaminants are environmentally harmful and present potential health risks which, over the forecast period, are likely to hinder the market growth.

Based on Product, the market is segmented into Plating Chemicals, Cleaning Chemicals, Conversion Coatings, and Other Products. Based on Application, the market is segmented into Automotive, Electrical & Electronics, Aerospace, Construction and Other Applications. Based on Process, the market is segmented into Electroplating,



Chemical & Electro-chemical Conversion, Electroless Plating and Other Process. Based on countries, the market is segmented into U.S., Mexico, Canada, and Rest of North America.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include BASF SE (Chemetall Group),Advanced Chemical Company, Elementis PLC, The Dow Chemical Company, Coral Chemical Company, McGean-Rohco, Inc., Element Solutions, Inc, Quaker Houghton Corporation, Asterion LLC, and A Brite Company.

Scope of the Study

Market Segmentation:

By Product

Plating Chemicals

Cleaning Chemicals

Conversion Coatings

Other Products

By Application

Automotive

Electrical & Electronics

Aerospace

Construction

Other Applications

By Process



Electroplating

Chemical & Electro-chemical Conversion

Electroless Plating

Other Process

By Country

US

Canada

Mexico

Rest of North America

Companies Profiled

BASF SE (Chemetall Group)

Advanced Chemical Company

Elementis PLC

The Dow Chemical Company

Coral Chemical Company

McGean-Rohco, Inc.

Element Solutions, Inc.

Quaker Houghton Corporation

Asterion LLC



A Brite Company

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Contents

CHAPTER 1. MARKET SCOPE & METHODOLOGY

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
- 1.4.1 North America Metal Finishing Chemicals Market, by Product
- 1.4.2 North America Metal Finishing Chemicals Market, by Application
- 1.4.3 North America Metal Finishing Chemicals Market, by Process
- 1.4.4 North America Metal Finishing Chemicals Market, by Country
- 1.5 Methodology for the research

CHAPTER 2. MARKET OVERVIEW

- 2.1 Introduction
 - 2.1.1 Overview
- 2.1.2 Market Composition and Scenario
- 2.2 Key Factors Impacting the Market
 - 2.2.1 Market Drivers
 - 2.2.2 Market Restraints

CHAPTER 3. MARKET ANALYSIS

- 3.1 Recent Industry Wide Strategic Developments
 - 3.1.1 Partnerships, Collaborations and Agreements
 - 3.1.2 Product Launches and Expansions
 - 3.1.3 Expansions
 - 3.1.4 Mergers & Acquisitions
- 3.2 Top Winning Strategies
- 3.2.1 Key Leading Strategies: Percentage Distribution (2015-2019)

CHAPTER 4. NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PRODUCT

- 4.1 North America Plating Chemicals Market by Country
- 4.2 North America Cleaning Chemicals Market by Country
- 4.3 North America Conversion Coatings Market by Country



4.4 North America Other Conditions Market by Country

CHAPTER 5. NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY APPLICATION

- 5.1 North America Automotive Market by Country
 - 5.1.1 North America Electrical & Electronics Market by Country
 - 5.1.2 North America Aerospace Market by Country
 - 5.1.3 North America Construction Market by Country
 - 5.1.4 North America Other Applications Market by Country

CHAPTER 6. NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PROCESS

- 6.1 North America Electroplating Market by Country
- 6.2 North America Chemical & Electro-chemical Conversion Market by Country
- 6.3 North America Electroless Plating Market by Country
- 6.4 North America Other Process Market by Country

CHAPTER 7. NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY COUNTRY

- 7.1 USA Metal Finishing Chemicals Market
- 7.1.1 USA Metal Finishing Chemicals Market by Product
- 7.1.2 USA Metal Finishing Chemicals Market by Application
- 7.1.3 USA Metal Finishing Chemicals Market by Process
- 7.2 Canada Metal Finishing Chemicals Market
- 7.2.1 Canada Metal Finishing Chemicals Market by Product
- 7.2.2 Canada Metal Finishing Chemicals Market by Application
- 7.2.3 Canada Metal Finishing Chemicals Market by Process
- 7.3 Mexico Metal Finishing Chemicals Market
 - 7.3.1 Mexico Metal Finishing Chemicals Market by Product
 - 7.3.2 Mexico Metal Finishing Chemicals Market by Application
- 7.3.3 Mexico Metal Finishing Chemicals Market by Process
- 7.4 Rest of North America Metal Finishing Chemicals Market
 - 7.4.1 Rest of North America Metal Finishing Chemicals Market by Product
 - 7.4.2 Rest of North America Metal Finishing Chemicals Market by Application
- 7.4.3 Rest of North America Metal Finishing Chemicals Market by Process

CHAPTER 8. COMPANY PROFILES

- 8.1 BASF SE (Chemetall Group)
 - 8.1.1 Company Overview
 - 8.1.2 Financial Analysis
 - 8.1.3 Segmental and Regional Analysis
 - 8.1.4 Research & Development Expense
 - 8.1.5 Recent strategies and developments:
 - 8.1.5.1 Collaborations, Partnerships, and Agreements:
 - 8.1.5.2 Acquisition and Mergers:
 - 8.1.5.3 Geographic Expansions:
 - 8.1.5.4 Product Launches and Product Expansions:
- 8.2 Advanced Chemical Company
- 8.2.1 Company Overview
- 8.2.2 Recent strategies and developments:
 - 8.2.2.1 Acquisition and Mergers:
- 8.3 Elementis PLC
 - 8.3.1 Company Overview
 - 8.3.2 Financial Analysis
 - 8.3.3 Regional Analysis
 - 8.3.4 Research & Development Expense
 - 8.3.5 Recent strategies and developments:
 - 8.3.5.1 Collaborations, Partnerships, and Agreements:
- 8.4 The Dow Chemical Company
 - 8.4.1 Company Overview
 - 8.4.2 Financial Analysis
 - 8.4.3 Regional Analysis
- 8.4.4 Research & Development Expense
- 8.5 Coral Chemical Company
- 8.5.1 Company Overview
- 8.6 McGean-Rohco, Inc.
- 8.6.1 Company Overview
- 8.7 Element Solutions, Inc.
- 8.7.1 Company Overview
- 8.7.2 Financial Analysis
- 8.7.3 Segmental and Regional Analysis
- 8.7.4 Research & Development Expense
- 8.7.5 Recent strategies and developments:
- 8.7.5.1 Acquisition and Mergers:



- 8.8 Quaker Houghton Corporation
 - 8.8.1 Company Overview
 - 8.8.2 Financial Analysis
 - 8.8.3 Regional Analysis
 - 8.8.4 Research & Development Expense
 - 8.8.5 Recent strategies and developments:
 - 8.8.5.1 Acquisition and Mergers:
- 8.9 Asterion LLC
- 8.9.1 Company Overview
- 8.1 A Brite Company
- 8.10.1 Company Overview
- 8.10.2 Recent strategies and developments:
- 8.10.2.1 Collaborations, Partnerships, and Agreements:



List Of Tables

LIST OF TABLES

TABLE 1 NORTH AMERICA METAL FINISHING CHEMICALS MARKET, 2015 - 2018, **USD MILLION** TABLE 2 NORTH AMERICA METAL FINISHING CHEMICALS MARKET, 2019 - 2025, USD MILLION TABLE 3 PARTNERSHIPS, COLLABORATIONS AND AGREEMENTS- METAL FINISHING CHEMICALS MARKET TABLE 4 PRODUCT LAUNCHES AND EXPANSIONS- METAL FINISHING CHEMICALS MARKET TABLE 5 EXPANSIONS- METAL FINISHING CHEMICALS MARKET TABLE 6 MERGERS & ACQUISITIONS – METAL FINISHING CHEMICALS MARKET TABLE 7 NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2015 - 2018, USD MILLION TABLE 8 NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2019 - 2025, USD MILLION TABLE 9 NORTH AMERICA PLATING CHEMICALS MARKET BY COUNTRY, 2015 -2018, USD MILLION TABLE 10 NORTH AMERICA PLATING CHEMICALS MARKET BY COUNTRY, 2019 -2025, USD MILLION TABLE 11 NORTH AMERICA CLEANING CHEMICALS MARKET BY COUNTRY, 2015 - 2018, USD MILLION TABLE 12 NORTH AMERICA CLEANING CHEMICALS MARKET BY COUNTRY, 2019 - 2025, USD MILLION TABLE 13 NORTH AMERICA CONVERSION COATINGS MARKET BY COUNTRY. 2015 - 2018, USD MILLION TABLE 14 NORTH AMERICA CONVERSION COATINGS MARKET BY COUNTRY, 2019 - 2025, USD MILLION TABLE 15 NORTH AMERICA OTHER CONDITIONS MARKET BY COUNTRY, 2015 -2018, USD MILLION TABLE 16 NORTH AMERICA OTHER CONDITIONS MARKET BY COUNTRY, 2019 -2025, USD MILLION TABLE 17 NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY APPLICATION, 2015 - 2018, USD MILLION TABLE 18 NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 19 NORTH AMERICA AUTOMOTIVE MARKET BY COUNTRY, 2015 - 2018,



USD MILLION

TABLE 20 NORTH AMERICA AUTOMOTIVE MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 21 NORTH AMERICA ELECTRICAL & ELECTRONICS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 22 NORTH AMERICA ELECTRICAL & ELECTRONICS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 23 NORTH AMERICA AEROSPACE MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 24 NORTH AMERICA AEROSPACE MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 25 NORTH AMERICA CONSTRUCTION MARKET BY COUNTRY, 2015 -2018, USD MILLION

TABLE 26 NORTH AMERICA CONSTRUCTION MARKET BY COUNTRY, 2019 -2025, USD MILLION

TABLE 27 NORTH AMERICA OTHER APPLICATIONS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 28 NORTH AMERICA OTHER APPLICATIONS MARKET BY COUNTRY, 2019- 2025, USD MILLION

TABLE 29 NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PROCESS, 2015 - 2018, USD MILLION

TABLE 30 NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PROCESS, 2019 - 2025, USD MILLION

TABLE 31 NORTH AMERICA ELECTROPLATING MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 32 NORTH AMERICA ELECTROPLATING MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 33 NORTH AMERICA CHEMICAL & ELECTRO-CHEMICAL CONVERSION MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 34 NORTH AMERICA CHEMICAL & ELECTRO-CHEMICAL CONVERSION MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 35 NORTH AMERICA ELECTROLESS PLATING MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 36 NORTH AMERICA ELECTROLESS PLATING MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 37 NORTH AMERICA OTHER PROCESS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 38 NORTH AMERICA OTHER PROCESS MARKET BY COUNTRY, 2019 - 2025, USD MILLION



TABLE 39 NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY COUNTRY, 2015 - 2018, USD MILLION TABLE 40 NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY COUNTRY, 2019 - 2025, USD MILLION TABLE 41 USA METAL FINISHING CHEMICALS MARKET, 2015 - 2018, USD MILLION TABLE 42 USA METAL FINISHING CHEMICALS MARKET, 2019 - 2025, USD MILLION TABLE 43 USA METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2015 -2018, USD MILLION TABLE 44 USA METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2019 -2025. USD MILLION TABLE 45 USA METAL FINISHING CHEMICALS MARKET BY APPLICATION, 2015 -2018. USD MILLION TABLE 46 USA METAL FINISHING CHEMICALS MARKET BY APPLICATION, 2019 -2025, USD MILLION TABLE 47 USA METAL FINISHING CHEMICALS MARKET BY PROCESS, 2015 -2018, USD MILLION TABLE 48 USA METAL FINISHING CHEMICALS MARKET BY PROCESS, 2019 -2025, USD MILLION TABLE 49 CANADA METAL FINISHING CHEMICALS MARKET, 2015 - 2018, USD MILLION TABLE 50 CANADA METAL FINISHING CHEMICALS MARKET, 2019 - 2025, USD MILLION TABLE 51 CANADA METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2015 -2018, USD MILLION TABLE 52 CANADA METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2019 -2025, USD MILLION TABLE 53 CANADA METAL FINISHING CHEMICALS MARKET BY APPLICATION. 2015 - 2018, USD MILLION TABLE 54 CANADA METAL FINISHING CHEMICALS MARKET BY APPLICATION, 2019 - 2025, USD MILLION TABLE 55 CANADA METAL FINISHING CHEMICALS MARKET BY PROCESS, 2015 -2018, USD MILLION TABLE 56 CANADA METAL FINISHING CHEMICALS MARKET BY PROCESS, 2019 -2025, USD MILLION TABLE 57 MEXICO METAL FINISHING CHEMICALS MARKET, 2015 - 2018, USD MILLION



MILLION

TABLE 59 MEXICO METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2015 -2018. USD MILLION TABLE 60 MEXICO METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2019 -2025, USD MILLION TABLE 61 MEXICO METAL FINISHING CHEMICALS MARKET BY APPLICATION, 2015 - 2018, USD MILLION TABLE 62 MEXICO METAL FINISHING CHEMICALS MARKET BY APPLICATION, 2019 - 2025, USD MILLION TABLE 63 MEXICO METAL FINISHING CHEMICALS MARKET BY PROCESS, 2015 -2018, USD MILLION TABLE 64 MEXICO METAL FINISHING CHEMICALS MARKET BY PROCESS. 2019 -2025, USD MILLION TABLE 65 REST OF NORTH AMERICA METAL FINISHING CHEMICALS MARKET, 2015 - 2018, USD MILLION TABLE 66 REST OF NORTH AMERICA METAL FINISHING CHEMICALS MARKET, 2019 - 2025, USD MILLION TABLE 67 REST OF NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2015 - 2018, USD MILLION TABLE 68 REST OF NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PRODUCT, 2019 - 2025, USD MILLION TABLE 69 REST OF NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY APPLICATION, 2015 - 2018, USD MILLION TABLE 70 REST OF NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY APPLICATION, 2019 - 2025, USD MILLION TABLE 71 REST OF NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PROCESS, 2015 - 2018, USD MILLION TABLE 72 REST OF NORTH AMERICA METAL FINISHING CHEMICALS MARKET BY PROCESS, 2019 - 2025, USD MILLION TABLE 73 KEY INFORMATION – BASF SE TABLE 74 KEY INFORMATION – ADVANCED CHEMICAL COMPANY TABLE 75 KEY INFORMATION – ELEMENTIS PLC TABLE 76 KEY INFORMATION – THE DOW CHEMICAL COMPANY TABLE 77 KEY INFORMATION – CORAL CHEMICAL COMPANY TABLE 78 KEY INFORMATION – MCGEAN-ROHCO, INC. TABLE 79 KEY INFORMATION – ELEMENT SOLUTIONS, INC. TABLE 80 KEY INFORMATION – QUAKER HOUGHTON CORPORATION TABLE 81 KEY INFORMATION –ASTERION LLC TABLE 82 KEY INFORMATION – A BRITE COMPANY





List Of Figures

LIST OF FIGURES

FIG 1 METHODOLOGY FOR THE RESEARCH FIG 2 KEY LEADING STRATEGIES: PERCENTAGE DISTRIBUTION (2015-2019)



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