

EMEA Ferric Chloride Market - By Industry (Pharmaceuticals Industry, Chemicals Industry, Electronics Industry, Metals Metallurgy, Others), By Application (Wastewater Treatment, Metal Surface treatment, Potable Water Treatment, Electronic Etchants, Reagents), By Grade(Anhydrous, Ferric Chloride Hexahydrate Lumps ,Ferric Chloride Liquid) and Region - Analysis of Market Size, Share & Trends for 2019 - 2020 and Forecasts to 2030

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AVAILABLE LICENSES:

- Single User Price \$5000.00
- Enterprise Price \$7500.00

Report description:

Product Overview

Ferric chloride is a brownish fluid and has a pungent smell like in hydrochloric acid. It is also available in solid chunk or anhydrous fine powder. Chloride is a flocking agent for ferric chloride or iron (III) utilized in different sectors for the treatment of drinking water and sewage. Ferric hydroxide induces and absorbs the hanging contaminants when a small quantity of ferric chloride is applied to the water. As a concentrated solution, ferric chloride is typically used at a minimum concentration of 42% w/ w. Ferrous chloride is also found in crystals' solid form in only a few industrial processes. It has acidic nature and corrosive to most metals, ferric chloride is aqueous solutions. The most popular source of ferric chloride is chlorine gas and pickling liquors. Furthermore, ferric chloride is still required in many fields as a byproduct of the manufacture of titanium dioxide. The use of iron scraping is another common way of producing ferrous chloride in the industry.

Market highlights

Ferric chloride is projected to rise to USD 0.5 billion by the end of 2030, with a CAGR of 4 percent between 2019 and 2030, and was estimated at USD 0.3 billion in 2018. Due to the rising demand for coagulation factors in this region, the ferric chloride market is anticipated to have strong growth in EMEA.

EMEA Ferric Chloride MarketExpected Market Growth EMEA Ferric Chloride Market

EMEA Ferric Chloride Market: Segments

The industry is divided into pharmaceutical, chemical, electronics, metals & metallurgy, on the basis of industrial nature. The pharmaceutical industry has the highest market share in recent years, whereas the chemical industry category has the swiftest growth rate. The consumer demand is highly affected by a growing number of patients with complex health conditions and their desire for quality healthcare. The growth of the industry is also increasing by investments in the building of hospitals. The market is classified as anhydrous, ferric chloride, Hexahydrates lumps, and ferric chloride liquid on a grade basis. The anhydrous category retains large market shares. For print circuit boards, the use of ferric chloride often increases market development. Strict government rules and regulations aimed at ensuring safe drinking water including in rural areas increase market demand.

EMEA Ferric Chloride Market

The demand for water treatment, surface treatment, drinking water treatment, electronic etchants, reagents, and others, on the basis of application. The demand for wastewater treatment has the largest market value. The development of the ferric chloride market is likely to beam out through increased government support through initiatives. This technique is also ideal for water treatment as it is economically efficient and also has high-quality standards that promote business growth.

EMEA Ferric Chloride Market: Market Dynamics

Drivers

Low Cost of raw Material

The cost of a basic product for the manufacture of ferric chloride is considerably lower for the industry. As a consequence, several suppliers of chlorine alkali invest in ferric chloride output. The market for ferric chloride is projected to rise over the forecast period with a deeper recognition of the requirement for safe drinking water, especially in the underdeveloped areas. The growth of the ferrous chloride market in the forecast period is anticipated to be further influenced by these factors. Also, when ferric chloride is combined with water, it is easily hydrolyzed. This property is projected to raise the usage of ferric chloride in urban wastewater treatment which is further projected to stimulate the growth of the ferric chloride market over the forecast period.

Cost-Effective and Efficient

The cost-effectiveness and efficiency of ferric chloride are comparatively greater than that of other water treatment materials such as polyaluminum chloride, ferrous sulfate, and alum. Such characteristics are anticipated to contribute to ferric chloride consumption during the time of the forecast. The use of ferric chloride in municipal drinkable water treatment has grown in recent years due to the implementation of different innovative provisions to the Act concerning safe drinking water. Also, the use of ferric chloride for print circuit board etching has increased and this will significantly affect the development of this industry. The surface treatment of metals such as copper and zinc also uses ferric chloride solutions for the removal.

Restraints

Ferric chloride in general is acidic and corrosive, which appears to restrict the use of ferric chloride in many commercial wastewater treatment processes where non-corrosive substitutes such as alum and ferrous sulphate are being used. This is projected to serve during the forecast period as an obstacle to the expansion of the ferric chloride markets. As the cost of hydrochloric acid is likely to rise, recycling of pickling liquors is projected to increase, this is anticipated to limit the usage of pickling liquors in ferric chloride manufacturing, hindering the anticipated growth of the ferric chloride industry.

The EMEA Ferric Chloride Market is further segmented by region into: UK Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR Germany Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR France Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR Spain Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR Italy Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR Rest of Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR EMEA Ferric Chloride Market: Key Players

AutoRek **Company Overview Business Strategy Key Product Offerings Financial Performance Key Performance Indicators Risk Analysis Recent Development Regional Presence SWOT** Analysis Baldwin Hackett & Meeks, Inc. Blackline, Inc. Broadridge Financial Solutions, Inc. Cashbook Fiserv, Inc. **Oracle Corporation** ReconArt, Inc. SAP SE SigmalQ. **Other Prominent Players** EMEA Ferric Chloride Market report also contains analysis on: EMEA Ferric Chloride MarketSegments: By End Use Industrial Pharmaceuticals Industry **Chemicals Industry Electronics Industry** Metals & Metallurgy Others Institutional **Municipal Waste-Water Treatment Municipal Potable Water Treatment** By Applications Wastewater Treatment Metal Surface treatment Potable Water treatment **Electronic Etchants**

Reagents

Others By Grade Anhydrous Ferric Chloride Hexahydrate Lumps Ferric Chloride Liqui EMEA Ferric Chloride MarketDynamics EMEA Ferric Chloride MarketDynamics EMEA Ferric Chloride MarketSize Supply & Demand Current Trends/Issues/Challenges Competition & Companies Involved in the Market Value Chain of the Market Market Drivers and Restraints

Table of Contents:

Contents

- 1. Executive Summary
- 2. EMEA Ferric Chloride
- 2.1. EMEA Ferric ChlorideProduct Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms
- 3. Research Methodology
- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation
- 4. Average Pricing Analysis
- 5. Market Dynamics
- 5.1. Growth Drivers
- 5.2. Restraints
- 5.3. Opportunity
- 5.4. Trends
- 6. Recent Development, Policies& Regulatory Landscape
- 7. Risk Analysis
- 7.1. Demand Risk Analysis
- 7.2. Supply Risk Analysis
- 8. EMEA Ferric ChlorideIndustry Analysis
- 8.1. Porters Five Forces
- 8.1.1. Threat of New Entrants
- 8.1.2. Bargaining Power of Suppliers
- 8.1.3. Threat of Substitutes
- 8.1.4. Rivalry
- 8.2. PEST Analysis
- 8.2.1. Political
- 8.2.2. Economic

- 8.2.3. Social
- 8.2.4. Technological
- 9. EMEA Ferric ChlorideMarket
- 9.1. Market Size & forecast, 2019A-2030F
- 9.1.1. By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 9.1.2. By Volume (Million Units) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 10. EMEA Ferric Chloride: Market Segmentation
- 10.1. By End Use: Market Share (2020-2030F)
- 10.1.1. Industrial, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 10.1.2. Institutional, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 10.2. By Applications: Market Share (2020-2030F)
- 10.2.1. Wastewater treatment, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 10.2.2. Potable Water Treatment, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 10.2.3. Metal Surface Treatment, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 10.2.4. Electronic Etchants, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 10.2.5. Reagents, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 10.2.6. Others,By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 10.3. By : Market Share (2020-2030F)
- 11. Ferric Chloride, By Value (USD Million) 2019-2030F; Y-o-Y Growth (%) 2020-2030F
- 12. Company Profile
- 12.1. SAP SE
- 12.1.1. Company Overview
- 12.1.2. Company Total Revenue (Financials)
- 12.1.3. Market Potential
- 12.1.4. Global Presence
- 12.1.5. Key Performance Indicators
- 12.1.6. SWOT Analysis
- 12.1.7. Product Launch
- 12.2. Baldwin Hackett & Meeks, Inc.
- 12.3. Blackline, Inc.
- 12.4. Broadridge Financial Solutions, Inc.
- 12.5. Cashbook
- 12.6. Fiserv, Inc.
- 12.7. Oracle Corporation
- 12.8. ReconArt, Inc.
- 12.9. SigmalQ.

Consultant Recommendation

**The above-given segmentation and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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