

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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Abstracts

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 Market Expected 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

SigmaQ.

Other Prominent Players

EMEA Ferric Chloride Market report also contains analysis on:

EMEA Ferric Chloride Market Segments:

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 MarketSize
Supply & Demand
Current Trends/Issues/Challenges
Competition & Companies Involved in the Market
Value Chain of the Market
Market Drivers and Restraints

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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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