

氯化铁 Ferric chloride

产品概述

氯化铁系列产品外观为橙黄色晶体或液体。氯化铁易溶于水呈酸性，有氧化腐蚀作用，稀释后生成氢氧化铁沉淀，有凝聚力。具有优良的絮凝性能，可降低处理成本，减少污泥量，适应 PH 值范围广。

性能特点

- 1、适用多种水处理场合；
- 2、絮凝效果好；
- 3、配伍性好；
- 4、便于溶解和操作，成本低。

技术指标

项目		指标
铁（Fe ³⁺ ）质量分数/%	≤	8.0
亚铁（Fe ²⁺ ）质量分数/%	≤	0.2
盐基度的质量分数/%		5.0-30.0
不溶物的质量分数/%	≤	0.3
密度（20℃）g/cm ³	≥	1.20
氨氮以 N 计的质量分数/%	≤	0.05
锌（Zn）的质量分数/%	≤	0.05
砷（As）的质量分数/%	≤	0.0005
铅（Pb）的质量分数/%	≤	0.002
镉（Cd）的质量分数/%	≤	0.00005
汞（Hg）的质量分数/%	≤	0.0005
铬（Cr）的质量分数/%	≤	0.005
总有机碳（TOC）/（mg/L）	≤	400

产品用途

广泛应用于金属刻蚀、污水处理、凝聚剂、催化剂、氧化剂、媒染剂、药物等领域。

包装与贮存

1. 固体：25kg/袋，采用三合一复合牛皮纸防潮袋包装。
溶液：用吨桶、桶包装，吨桶净重 1000kg、桶装 200kg 、25kg。运输过程中应轻装轻放，切勿倒置。
2. 本产品储存保管时应注意防潮、防火、防高温，忌与酸性物质接触要求存放在通风、干燥处。

Product Overview

The appearance of ferric chloride series products is orange yellow crystals or liquids. Ferric chloride is easily soluble in water and has acidic properties. It has oxidative and corrosive effects, and when diluted, it forms a precipitate of ferric hydroxide, which has cohesive properties. Has excellent flocculation performance, can reduce treatment costs, decrease sludge volume, and adapt to a wide range of pH values.

Characteristics

1. Suitable for various water treatment scenarios;
2. Good flocculation effect;
3. Good compatibility;
4. Easy to dissolve and operate, low cost.

Technical Specification

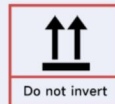
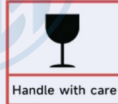
project		Indicators
Iron (Fe ³⁺) mass fraction/%	≤	8.0
Iron (Fe ²⁺) mass fraction/%	≤	0.2
Mass fraction of basicity/%		5.0-30.0
Mass fraction of insoluble substances/%	≤	0.3
Density (20 °C) g/cm ³	≥	1.20
Mass fraction of ammonia nitrogen calculated as N/%	≤	0.05
Mass fraction of zinc (Zn)/%	≤	0.05
Mass fraction of arsenic (As)/%	≤	0.0005
The mass fraction of lead (Pb)/%	≤	0.002
Mass fraction of cadmium (Cd)/%	≤	0.00005
Mass fraction of mercury (Hg)/%	≤	0.0005
Mass fraction of chromium (Cr)/%	≤	0.005
Total Organic Carbon (TOC)/(mg/L)	≤	400

Applications

Widely used in fields such as metal etching, wastewater treatment, coagulants, catalysts, oxidants, mordants, and pharmaceuticals.

Package and Storage

1. Solid: 25kg/bag, packaged in a three in one composite kraft paper moisture-proof bag.
Solution: Packaged in ton drums, with a net weight of 1000kg per ton drum, 200kg per drum, and 25kg per drum. During transportation, handle with care and do not invert.
2. When storing and preserving this product, attention should be paid to moisture, fire, and high temperature prevention. Avoid contact with acidic substances and store in a ventilated and dry place.



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