

Product Specification

Product Name: IRON(III) CHLORIDE Anhydrous LR

Alternate Name(s) Ferric chloride anhydrous;

Description

Black-brown powder. Slightly pungent. Very hygroscopic.

Properties

Chemical Formula: FeCl_3

Molecular Weight: 162.20

Product Code: FL022

CAS No. 7705-08-0

General Information:

Readily soluble in water, alcohol, ether, acetone; slightly soluble in carbon disulfide; practically insoluble in ethyl acetate.

Hazard and Safety Data

UN Group: III
Class: 8
UN Number: 1773
Hazchem code: 2X
CS MSDS Code: 1CH3B
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 40

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Arsenic (As)	≤ 0.002%
Copper (Cu)	≤ 0.1%
Lead (Pb)	≤ 0.02%
Manganese (Mn)	≤ 0.6%
Zinc (Zn)	≤ 0.1%

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