

## Technical Information

### Ferric Chloride Hexahydrate, Plant Culture Tested

**Product Code: PCT1108**

#### Product Information

Product Code	: PCT1108
Product Name	: Ferric Chloride Hexahydrate, Plant Culture Tested
Molecular Formula	: $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$
Molecular Weight	: 270.30
CAS No.	: 10025-77-1

#### Technical Specification

Appearance	: Brownish yellow deliquescent masses.
Solubility	: 10% solution in hot dilute HCl and water is clear yellow in colour.
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed, actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus
Magnesium (Mg)	: ≤ 0.005%
Calcium (Ca)	: ≤ 0.01%
Lead (Pb)	: ≤ 0.002%
Sulphate (SO <sub>4</sub> )	: ≤ 0.01%
Copper (Cu)	: ≤ 0.002%
Manganese (Mn)	: ≤ 0.008%
Ferrous Iron (Fe)	: ≤ 0.015%
Minimum assay (Iodometric)	: 98.00 %

#### GHS Safety Information

Hazard Statement(s)	: H290-H302-H315-H318
Precautionary Statement(s)	: P280-P305+P351+P338
Signal Word	: Danger
Hazard Pictogram(s)	

#### Risk and Safety Information

R-Phrase(s)	: 22-36-41
S-Phrase(s)	: 26-36
WGK	: 1
RTECS	: NO5425000
Storage Temperature(°C)	: Store below 30°C

#### Transport Information

Plant Culture  
Tested



## Product Specification

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UN No.	: 3260
Class	: 8
Packaging Group	: 3
Marine Pollutant	: No
ADR/RID	: 3260 8/PG 3
IMDG	: 3260 8/PG 3
IATA	: 3260 8/PG 3

### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

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