

PCT0108 Ferric chloride hexahydrate, Plant Culture Tested**Product Number Packing**

PCT0108 : 500G

Product Information

Product Code : PCT0108
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
EC No. : 231-729-4
HS Code : 2827 39 20
Shelf Life : 4 years

Technical Specification

Appearance : Brownish yellow or orange coloured, very hygroscopic lumps
Solubility : Soluble in water
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%
Arsenic (As) : ≤ 0.0005%
Lead (Pb) : ≤ 0.002%
Sulphate (SO₄) : ≤ 0.01%
Boiling point : 280 - 285°C
Copper (Cu) : ≤ 0.002%
Manganese (Mn) : ≤ 0.008%
Ferrous Iron (Fe) : ≤ 0.015%
Assay : min. 99.00 %

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
Hazard Symbol(s)



Transport Information

UN No. : 3260
Class : 8
Packaging Group : 3
Marine Pollutant : No
ADR/RID : 3260 8/PG3
IMDG : 3260 8/PG3
IATA : 3260 8/PG3