

### Technical Information

#### Cobalt Chloride Hexahydrate, Plant Culture Tested

Product Code: PCT1103

#### Product Information

Product Code	: PCT1103
Product Name	: Cobalt chloride hexahydrate, Plant Culture Tested
Synonym	: Cobalt (II) chloride hexahydrate
Molecular Formula	: CoCl <sub>2</sub> . 6H <sub>2</sub> O
Molecular Weight	: 237.93
CAS No.	: 7791-13-1

#### Technical Specification

Appearance	: Ruby red coloured crystals/crystalline powder.
Solubility	: 10% solution in water is bright and clear.
pH (5% in water at 25°C)	: >= 3.00
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
Calcium (Ca)	: <= 0.005%
Lead (Pb)	: <= 0.005%
Iron (Fe)	: <= 0.005%
Potassium (K)	: <= 0.01%
Water insoluble matter	: <= 0.003%
Nitrogen compounds (as N)	: <= 0.01%
Copper (Cu)	: <= 0.002%
Sodium (Na)	: <= 0.05%
Nickel (Ni)	: <= 0.1%
Zinc (Zn)	: <= 0.03%
Sulphate (SO <sub>4</sub> )	: <= 0.01%
Minimum assay (Complexometric, ex Co)	: 99.00 %

#### GHS Safety Information

Hazard Statement(s)	: H302-H317-H334-H341-H350i-H360F-H410
Precautionary Statement(s)	: P201-P261-P273-P280-P308+P313-P501
Signal Word	: Danger
Hazard Pictogram(s)	



#### Risk And Safety Information

R-Phrase(s)	: 49-60-22-42/43-50/53-68
S-Phrase(s)	: 53-45-60-61
WGK	: 3
RTECS	: GG0200000
Storage Temperature(°C)	: Store below 30°C

### Transport Information

UN No.	: 3077
Class	: 9
Packaging Group	: III
Marine Pollutant	: Yes
ADR/RID	: 3077 9/PG III
IMDG	: 3077 9/PG III
IATA	: 3077 9/PG III

### 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.
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