**Product Information**

### Product Number

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### Product Information

- **Product Code**: PCT0120
- **Product Name**: Cobalt nitrate hexahydrate, Plant Culture Tested
- **Molecular Formula**: Co(NO$_3$)$_2$.6H$_2$O
- **Molecular Weight**: 291.03
- **CAS No.**: 10026-22-9
- **EC No.**: 233-402-1
- **HS Code**: 2834 29 20
- **Shelf Life**: 4 years

### Technical Specification

- **Appearance**: Pinkish to red to brown deliquescent crystals or powder or chips
- **Solubility**: 1000 mg soluble in 1 mL of water
- **pH (5 % in water at 25°C)**: >= 2.50
- **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
- **Assay (EDTA Titration)**: min. 99.00 %

### GHS Safety Information

- **Hazard Statement(s)**: H272-H302-H317-H334-H341-H350i-H360-H410
- **Precautionary Statement(s)**: P201-P220-P261-P273-P280-P308+P313
- **Signal Word**: Danger

### Risk and Safety Information

- **R-Phrase(s)**: 8-22-40-43-50/53
- **S-Phrase(s)**: 17-36/37-60-61
- **WGK**: 3
- **RTECS**: QU7355500
- **Storage Temperature(°C)**: Store below 30°C

The information contained herein is believed to be accurate and complete. However, no warranty or guarantee whatsoever is made or is to be implied with respect to such information or with respect to any product, method or apparatus referred to herein.
## Transport Information

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