

Technical Information

Ferrous Sulphate Heptahydrate Plant Culture Tested

Product Code: PCT1111


Product Information

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|-------------------|---|
| Product Code | : PCT1111 |
| Product Name | : Ferrous Sulphate Heptahydrate, Plant Culture Tested |
| Molecular Formula | : $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ |
| Molecular Weight | : 278.01 |
| CAS No. | : 7782-63-0 |

Technical Specification

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|---|---|
| Appearance | : Bluish-green crystalline powder. |
| 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 |
| Chloride (Cl) | : ≤ 0.001% |
| Phosphate (PO ₄) | : ≤ 0.001% |
| Manganese (Mn) | : ≤ 0.05% |
| Copper (Cu) | : ≤ 0.005% |
| Ferric Iron (Fe ⁺³) | : ≤ 0.1% |
| Zinc (Zn) | : ≤ 0.005% |
| Insoluble matter | : ≤ 0.01% |
| Substances not pptd by NH ₄ OH | : ≤ 0.05% (as sulphate) |
| Minimum assay | : 99.00 % |

GHS Safety Information

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|----------------------------|---|
| Hazard Statement(s) | : H302-H315-H319 |
| Precautionary Statement(s) | : P305+P351+P338 |
| Signal Word | : Warning |
| Hazard Pictogram(s) |  |

GHS07

Risk And Safety Information

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|-------------------------|--------------------|
| R-Phrase(s) | : 22 |
| S-Phrase(s) | : 36/37/39 |
| WGK | : 1 |
| RTECS | : NO8510000 |
| Storage Temperature(°C) | : Store below 30°C |

Plant Culture
Tested



Product Specification

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Transport Information

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|------------------|-----------------------|
| Marine Pollutant | : No |
| ADR/RID | : Not Dangerous Goods |
| IMDG | : Not Dangerous Goods |
| IATA | : Not Dangerous Goods |

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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