PCT1112  Nystatin, Plant Culture Tested

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**Product Information**

- **Product Code**: PCT1112
- **Product Name**: Nystatin, Plant Culture Tested
- **Synonym**: Fungicidin; Mycostatin
- **CAS No.**: 1400-61-9
- **EC No.**: 215-749-0
- **HS Code**: 2941 90 00
- **Shelf Life**: 3 years

**Technical Specification**

- **Appearance**: Off-white to slightly brownish hygroscopic powder
- **Solubility**: 100 mg soluble in 1 mL of dimethylformamide
- **Antimicrobial Potency Testing**: Antimicrobial activity of Nystatin is observed by preparing susceptibility disc of 100 units & measuring the zone of inhibition observed on Sabouraud Dextrose Agar (M063) after incubation at 22-28°C for 24-48 hours.
- **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.
- **Callus culture**: No necrotic tissues, actively growing callus, no toxicity to callus.
- **Potency (1000,000 units/vial)**: $\geq 4400$ USP units/mg

**Risk and Safety Information**

- **S-Phrase(s)**: 22-24/25
- **WGK**: 2
- **RTECS**: RF5950000
- **Storage Temperature(°C)**: Store at 2 - 8°C

**Transport Information**

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