PCT1003 Polyvinylpolypyrrolidone (PVPP), Plant Culture Tested

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<th>Product Number</th>
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<td>PCT1003</td>
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**Product Information**

- **Product Code**: PCT1003
- **Product Name**: Polyvinylpolypyrrolidone (PVPP), Plant Culture Tested
- **Synonym**: Crospovidone; Polyvinylpyrrolidone, cross-linked
- **CAS No.**: 9003-39-8
- **HS Code**: 3905 99 90
- **Other Information**: A water-insoluble synthetic cross-linked homopolymer of N-Vinyl-2-pyrrolidinone
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: White to yellowish-white hygroscopic powder or flakes
- **Solubility**: Insoluble 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
- **Loss on drying (at 100 - 105°C, 2 hrs.)**: <= 5.00%
- **Nitrogen content (dried substance)**: 11.50 - 12.80%

**Risk and Safety Information**

- **WGK**: 1
- **RTECS**: TR8370000
- **Storage Temperature(°C)**: Store below 30°C

**Transport Information**

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