# Product Information

**PCT1406**  
Kinetin solution  
w/ 1 mg/ml Kinetin in sterile distilled water  
Sterile Filtered; Plant Culture Tested

<table>
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<th>Product Number</th>
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<td>PCT1406</td>
<td>5X20ML</td>
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## Product Information

- **Product Code**: PCT1406  
- **Product Name**: Kinetin solution  
- **Synonym**: 6-Furfurylaminopurine  
- **Molecular Formula**: C₁₀H₉N₅O  
- **Molecular Weight**: 215.21  
- **CAS No.**: 525-79-1  
- **EC No.**: 208-382-2  
- **HS Code**: 2934 99 90  
- **Shelf Life**: 13 months  
- **Other Information**: Plant growth regulator

## Technical Specification

- **Appearance**: Colourless to slight yellow tint liquid  
- **Clarity**: Clear solution  
- **pH (as such)**: 10.00 - 12.00  
- **Cultural response**: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2ºC), 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  
- **Residue on ignition**: <=0.05%  
- **Concentration**: 1 mg/ml  
- **Assay (HPLC)**: min. 99.00 %

## Risk and Safety Information

- **RTECS**: AU6270000  
- **Storage Temperature(°C)**: Store at 2-8°C

## Transport Information

- **ADR/RID**: Not Dangerous Goods  
- **IMDG**: Not Dangerous Goods  
- **IATA**: Not Dangerous Goods