### Product Information

**PCT0817  Chitosan, From Shrimp shells, Plant Culture Tested**

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<tr>
<th>Product Number</th>
<th>Packing</th>
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<tr>
<td>PCT0817</td>
<td>25G</td>
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<tr>
<td>PCT0817</td>
<td>100G</td>
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<tr>
<td>PCT0817</td>
<td>500G</td>
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</tbody>
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#### Product Information

- **Product Code**: PCT0817
- **Product Name**: Chitosan, From Shrimp shells, Plant Culture Tested
- **Synonym**: Deacetylated chitin; Poly(D-glucosamine)
- **Molecular Formula**: \((\text{C}_6\text{H}_{11}\text{NO}_4)_n\)
- **Molecular weight**: 3800 - 20000 Daltons
- **CAS No.**: 9012-76-4
- **EC No.**: 222-311-2
- **HS Code**: 3913 90 00
- **Shelf Life**: 3 years

#### Technical Specification

- **Appearance**: Off-white to orange granules or flakes or powder
- **Solubility**: 33.3 mg soluble in 1 mL of dilute glacial acetic acid
- **Cultural response**: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2ºC), Photoperiod Day: Night in hours (16:8), No structural deformity observed, normal: Increase in fresh weight of shoots
- **Water (K.F.)**: <= 10.00%
- **Ash**: <= 2.00%
- **Degree of deacetylation**: >= 75.0%

#### Risk and Safety Information

- **WGK**: nwg
- **RTECS**: FM6300000
- **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