# Product Information

## PCT1317  
**Sodium alginate, Plant Culture Tested**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCT1317</td>
<td>100G</td>
</tr>
<tr>
<td>PCT1317</td>
<td>500G</td>
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</tbody>
</table>

### Product Information

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Product Name</th>
<th>Synonym</th>
<th>CAS No.</th>
<th>HS Code</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCT1317</td>
<td>Sodium alginate, Plant Culture Tested</td>
<td>Algin; Alginic acid sodium salt</td>
<td>9005-38-3</td>
<td>3913 10 00</td>
<td>4 years</td>
</tr>
</tbody>
</table>

### Technical Specification

- **Appearance**: White to brown fibrous or granular powder
- **Solubility**: 33.3 mg soluble in 1 mL of Murashige & Skoog medium forming viscous, colloidal solution
- **Shoot culture**: No structural deformity observed, actively growing shoots, no toxicity to shoots
- **Callus culture**: No necrotic tissues, proliferation of callus, no toxicity to callus
- **Identification test for alginate**: Passes test
- **Loss on drying (at 105°C, 4 hr)**: \(\leq 15.00\%\)
- **Bead formation test**: Beads were formed with 3.0% sodium alginate mixed with node/callus culture of Carrot spp in 0.6% calcium chloride solution

### Risk and Safety Information

- **WGK**: 1
- **Storage Temperature\(^\circ\text{C}\)**: Store below 30\(^\circ\text{C}\)

### Transport Information

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