

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

**Product Number Packing**

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PCT0817	: 25G
PCT0817	: 100G
PCT0817	: 500G

**Product Information**

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Product Code	: PCT0817
Product Name	: Chitosan, From Shrimp shells, Plant Culture Tested
Synonym	: Deacetylated chitin; Poly(D-glucosamine)
Molecular Formula	: ( C <sub>6</sub> H <sub>11</sub> N O <sub>4</sub> ) <sub>n</sub>
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**

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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±2°C), 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**

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WGK	: nwg
RTECS	: FM6300000
Storage Temperature(°C)	: Store below 30°C

**Transport Information**

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