

Technical Information

Poly(Ethylene Glycol) MW 6000 Plant Culture Tested

Product Code: PCT2306

Product Information

Product Code	: PCT2306
Product Name	: Poly(ethylene glycol) MW 6000, Plant Culture Tested
Synonym	: PEG 6000
Molecular Formula	: $H(OCH_2CH_2)_nOH$
Average Molecular Weight	: 5000-7000
CAS No.	: 25322-68-3

Technical Specification

Appearance	: White to almost white waxy like solid or flakes or powder
Solubility	: Soluble in water
pH (5% in water at 20°C)	: 4.50 - 7.50
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
Congealing point	: 55 - 61°C
Water (K.F.)	: ≤ 1.0%
Hydroxyl value	: 16 - 22 mg KOH/g
Sulphated ash	: ≤ 0.20%

Risk And Safety Information

WGK	: 1
RTECS	: --
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



**Plant Culture
Tested**



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.