

Technical Information

Poly(Ethylene Glycol) M.W. 4000 Plant Culture Tested

Product Code: PCT2305

Product Information

Product Code	: PCT2305
Product Name	: Poly(Ethylene Glycol) M.W.4000, Plant Culture Tested
Synonym	: PEG 4000; Macrogol 4,000
Molecular Formula	: $H(OCH_2CH_2)_n OH$
Average Molecular Weight	: 3600 - 4400
CAS No.	: 25322-68-3

Technical Specification

Appearance	: White to creamy-white free-flowing powder or flakes.
Solubility	: Soluble in water.
pH (10% in water at 20°C)	: 5.00 - 7.00
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
Water (K.F.)	: ≤ 1.0%
Congeaing point	: 53 - 59°C
Hydroxyl value	: 25 - 32

Risk And Safety Information

WGK	: 1
RTECS	: TQ3500000
Flash Point(°F)	: 444.2 °F
Flash Point(°C)	: 229 °C
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

cdhfinechemical.com

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.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.