

**PCT0821 Spermine, Plant Culture Tested****Product Number Packing**

PCT0821 : 1G

**Product Information**

Product Code : PCT0821  
Product Name : Spermine, Plant Culture Tested  
Molecular Formula :  $C_{10}H_{26}N_4$   
Molecular Weight : 202.34  
CAS No. : 71-44-3  
EC No. : 200-754-2  
Shelf Life : 3 years

**Technical Specification**

Appearance : White to pale yellow crystals or powder or low melting mass  
Solubility : 33.3 mg soluble in 1 mL of water  
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  
Assay (GC/ NT/HCl Titration) : min. 97.00 %

**GHS Safety Information**

Hazard Statement(s) : H314  
Precautionary Statement(s) : P280-P305+P351+P338-P310  
Signal Word : Danger  
Hazard Pictogram(s)

**Risk and Safety Information**

R-Phrase(s) : 34  
S-Phrase(s) : 26-36/37/39-45  
WGK : 3  
RTECS : EJ7175000  
Flash Point(°F) : 230°F  
Flash Point(°C) : 110°C  
Storage Temperature(°C) : Store at 2 - 8°C  
Hazard Symbol(s)





# Product Information

## Transport Information

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UN No.	:	3259
Class	:	8
Packaging Group	:	2
Marine Pollutant	:	No
ADR/RID	:	3259 8/PG 2
IMDG	:	3259 8/PG 2
IATA	:	3259 8/PG 2

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