

## Technical Information

### Dimethyl Sulphoxide (DMSO) Plant Culture Tested

Product Code: PCT2303

#### Product Information

Product Code	: PCT2303
Product Name	: Dimethyl Sulphoxide (DMSO), Plant Culture Tested
Synonym	: Methyl sulfoxide
Molecular Formula	: C <sub>2</sub> H <sub>6</sub> SO
Molecular Weight	: 78.13
CAS No.	: 67-68-5

#### Technical Specification

Appearance	: Colourless very hygroscopic liquid.
Solubility	: Soluble in 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
Refractive index (n) <sup>20</sup> <sub>D</sub>	: 1.477 - 1.480
Density (at 25°C)	: 1.05 - 1.15 g/ml
Minimum assay (GC)	: 99.50%

#### Risk And Safety Information

WGK	: 1
RTECS	: PV6210000
Flash Point(°F)	: 188.6 °F
Flash Point(°C)	: 87°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](http://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.
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