

Technical Information

Molybdenum Trioxide, Plant Culture Tested

Product Code: PCT1114

Product Information

Product Code	: PCT1114
Product Name	: Molybdenum Trioxide, Plant Culture Tested
Molecular Formula	: MoO ₃
Molecular Weight	: 143.94
CAS No.	: 1313-27-5

Technical Specification

Appearance	: White to pale yellow to green or grey coloured powder.
Solubility	: Very slightly soluble in water. Soluble in concd. mineral acids and in solution of Alkali hydroxide.
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%),
Shoot culture	: Temperature (25±2°C), Photoperiod Day: Night in hours (16:8) No structural Deformity observed actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus
Chloride (Cl)	: ≤0.002%
Ammonium (NH ₄)	: ≤0.005%
Lead (Pb)	: ≤0.001%
Iron (Fe)	: ≤0.0005%
Sulphate (SO ₄)	: ≤0.005%
Copper (Cu)	: ≤0.0005%
Minimum assay	: 99.50 %

GHS Safety Information

Hazard Statement(s)	: H319-H335-H351
Precautionary Statement(s)	: P261-P281-P305+P351+P338
Signal Word	: Warning
Hazard Pictogram(s)	



Risk And Safety Information

R-Phrase(s)	: 36/37-40
S-Phrase(s)	: 22-36/37
WGK	: 3
RTECS	: QA4725000
Storage Temperature(°C)	: Store below 30°C

Transport Information

UN No.	: 3288
Class	: 6.1
Packaging Group	: 3
Marine Pollutant	: No
ADR/RID	: 3288 6.1/PG 3
IMDG	: 3288 6.1/PG 3
IATA	: 3288 6.1/PG 3

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.