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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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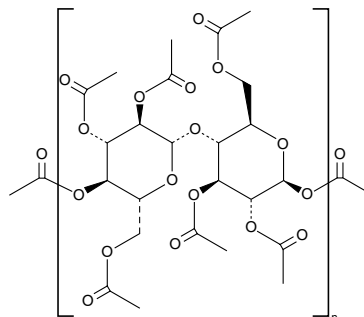
Product Information



Cellulose triacetate

Item No. 16521

CAS Registry No.: 9012-09-3
Formal Name: triacetate cellulose
Synonym: Triacetylcellulose
FW: 678.6
Stability: ≥ 2 years at -20°C
Supplied as: A crystalline solid



Laboratory Procedures

For long term storage, we suggest that cellulose triacetate be stored as supplied at -20°C . It is supplied as a crystalline solid and should be stable for at least two years.

Cellulose triacetate is a polymer film derived from cellulose treated with an acetylating agent, which renders the cellulose polymers more soluble in organic solvents.¹ Cellulose triacetate can be used to manufacture high-performance membranes characterized by well-defined pores for dialysis and reverse osmosis and is often combined with plasticizer and an ionophore for ion sensing and separation.^{1,2} It is also implemented in the production of photographic film and polarized film for liquid crystal displays.¹

References

1. Sunohara, T. and Masuda, T. Cellulose triacetate as a high-performance membrane. *Contrib. Nephrol.* **173**, 156-163 (2011).
2. Arous, O., Saad Saoud, F., and Kerdjoudj, H. Cellulose triacetate properties and their effect on the thin films morphology and performance. *Innovations in Thin Film Processing and Characterisation (ITFPC)* **12**, 1-5 (2010).

Related Products

For a list of related products please visit: www.caymanchem.com/catalog/16521

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WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY: NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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Cayman Chemical Company makes **no warranty or guarantee** of any kind, whether written or oral, expressed or implied, including without limitation, any warranty of fitness for a particular purpose, suitability and merchantability, which extends beyond the description of the chemicals hereof. Cayman **warrants only** to the original customer that the material will **meet our specifications at the time of delivery**.

Cayman will carry out its delivery obligations with due care and skill. Thus, in no event will Cayman have **any obligation or liability**, whether in tort (including negligence) or in contract, for any direct, indirect, incidental or consequential damages, even if Cayman is informed about their possible existence.

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Said refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver by Buyer of all claims hereunder with respect to said material.

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