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

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

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.

WARRANTY AND LIMITATION OF REMEDY
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, salability 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.

This limitation of liability does not apply in the case of intentional acts or negligence of Cayman, its directors or its employees. Buyer’s exclusive remedy and Cayman’s sole liability hereunder shall be limited to a refund of the purchase price, or at Cayman’s option, the replacement, at no cost to Buyer, of all material that does not meet our specifications.

For further details, please refer to our Warranty and Limitation of Remedy located on our website and in our catalog.