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Sartorius Stedim Biotech GmbH 37070 Goettingen Germany

Notification letter ECN 21474 Discontinuation of Selected Cellulose Acetate and Cellulose Nitrate Filtration Products

Dear Valued Customer,

As an international leading supplier of process technologies to the biopharmaceutical industry Sartorius Stedim Biotech is committed to a continuous improvement of its products and services in order to serve our customers in an optimal way.

Change description

To assure long-term security of supply of our products, we are continuously expanding our manufacturing capacities to address the rising global demand for filtration products.

In addition, we regularly review our individual product families to identify decreasing demand trends to better adapt our product portfolio to customer demands and assure long term security of supply.

We have identified in our cellulose acetate (CA) and cellulose nitrate (CN) based product families declining order trends. Based on these trends, we have decided to discontinue individual product families with low demands.

The discontinuation process will further strengthen long-term supply of our key CN and CA based product families such as Sartobran P 0.2 μ m and 0.45 μ m, which are part of many growing bioprocesses.

This discontinuation includes the following product families:

- Sartobran® P (pore size 0.1 μm)
- Sartoclean® CA (pore sizes 0.2 μm, 0.45 μm, 1.2 μm)
- Sartoclean® GF (pore size 0.45 μm)
- CA membrane disc filters (>140 mm diameter)
- CN membrane disc filter (>140 mm diameter)
- Sartoclean® JumboStar (pore size 1.2 μm)
- Agua Star CA
- Vinosart® BE

Impacted products

All products listed in appendix 1 are impacted by this change. The following table provides an overview on alternative products recommended for discontinued product families. Please consult your local sales representative or application specialist for support.

Product family	Order code	Alternative 1	Alternative 2
Sartobran® P 0.1µm	52358*	Sartopore® 2 XLM	Sartopore® 2
Sartoclean® CA			
0.2 μm	562_07*	Sartoguard PES	Sartopore® 2
0.45 μm	56206*	Sartoguard PES	Sartopore® 2
1.2 µm	562_03*	Sartoguard PES	Sartopure® PP3
Sartoclean® GF 0.45 µm	560_03*	Sartoguard GF	
CA filter discs	see appendix 1	PES filter discs	
CN filter discs	see appendix 1	PES filter discs	
Sartoclean® Jumbo Star 1.2 µm	5634003J*	Jumbo Star Sartopure® PP	
Aqua Star CA	521*	Aquasart® PS	Aquasart® Plus
Vinosart® BE	520*	Vinosart® PS	Sartobev PS

Our sales and application specialists teams will support you in identifying the appropriate filter within our portfolio to replace discontinued products.

Change Implementation

This change is controlled internally according to our change management procedures.

Discontinuation of Sartobran® P 0.1 μ m will become effective January 31st, 2022. Last orders for these products can be placed until 31st of October 2021. All other product families will be discontinued by July 31st, 2021 with last order placement until 31st of May 2021.

To provide all existing customers of discontinued products with appropriate quantities throughout the phase-out period, Sartorius will accept maximum order quantities corresponding to the customer's 2020 order quantity + 15% over 6 and 12 months, respectively, depending on the phase-out period of the product.

We appreciate your trust and your continuous use of Sartorius Stedim Biotech filter products.

Sincerely,

Head of Product Management Separation

Sartorius Stedim Biotech

Vanessa Nardolillo

Head of Quality Management &

Regulatory Affairs BPS Sartorius Stedim FMT SAS