



Filtration aid mixed products

# **Product decription**

The VarioFluxx<sup>®</sup> filtration aid consists of a mixture of selected types of perlite, combined with special cellulose fibres from the high-purity CelluFluxx<sup>®</sup> series. The individual mixed products are adapted to the specific beverage filtration or sediment processing requirements and are used for accurate filter cake permeability adjustment.

# **Product and effect**

The VarioFluxx<sup>®</sup> filtration aid combines the particular properties of perlite and cellulose and thus improve the filtration result. It is possible to produce mixed products with very specific properties through targeted component selection. The individual product types differ greatly in their composition, structure and fineness. The aim is to achieve a specific clarifying effect and/or a defined filter cake permeability.

# VarioFluxx<sup>®</sup> P

Filtration aid for intentional increase of filter cake permeability (drainage effect) when processing sediment. Ideal as a filtration aid when processing flotation and sedimentation lees using a chamber filter press. We recommend: VarioFluxx® P + eSan filter cloth = VarioSan method.

Other applications:

- As a filtration aid for preclarification of the entire volume of must (must filtration).
- To form a perfect filter cake in a rotary vacuum filter.
- The use of VarioFluxx<sup>®</sup> P is in particular recommended, if a filter cake with increased filter cake permeability is required. The embedded cellulose fibres help to reinforce the filter cake, significantly reducing the tendency to cracking.

#### VarioFluxx<sup>®</sup> M

Filtration aid for a high throughput rate with a good clarifying effect during precoat filtration. VarioFluxx® M can be used as a universal alternative filtration aid to kieselguhr (medium fineness). VarioFluxx® M can be used for both precoating and continuous dosage. The degree of clarification corresponds to medium-fine filtration. The clarification effect can be intentionally modified in the direction of fine filtration through admixture of VarioFluxx® F.

# VarioFluxx<sup>®</sup> F

Very fine filtration aid for intentional filter cake thickening during precoat filtration. VarioFluxx<sup>®</sup> F is used to increase intentional reduction of turbidity during precoat filtration. The admixing or exclusive use of VarioFluxx<sup>®</sup> F will thicken the filter cake and consequently significantly improve the clarification effect.

#### VarioFluxx<sup>®</sup> PreCoat 1

Filtration aid for initial precoating during precoat filtration of beer. Initial precoating with VarioFluxx® PreCoat 1 forms a well-structured and stable layer of filter cake that reliably retains sediment particles and microorganisms.

### VarioFluxx<sup>®</sup> PreCoat 2

Filtration aid for secondary precoating during precoat filtration of beer. The subsequent, secondary precoating with VarioFluxx<sup>®</sup> PreCoat 2 forms a fine layer of sediment for intentionally increased turbidity reduction.

#### Lagerung

VarioFluxx® filtration aids must be stored in a dry, odour-free place. Containers which have been opened should be immediately tightly sealed.

#### Entsorgung

VarioFluxx<sup>®</sup> contains mineral and biological components. The products do not contain kieselguhr. Disposal options are governed by local authority regulations.

ERBSLÖH Geisenheim GmbH • Erbslöhstraße 1 • 65366 Geisenheim, Germany Tel.: +49 6722 708-0 • Fax: +49 6722 6098 • info@erbsloeh.com • www.erbsloeh.com



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The application recommendations given herein describe the intended use of the product as a processing aid or additive as part of a good manufacturing practice. Only this application can lead to a food safety of the final product. However, please note: Our technical product leaflets are based on our current knowledge and experience. They have to be seen as general information on our products only. Due to the imponderabilities of treating natural products and the potential prior treatment we cannot accept any liability. Accordance with all national laws and regulations for use of our products has to be ensured by each user. All data is therefore provided without any warranty. All information is subject to change without prior notice. Our general terms of business apply, please refer to www.erbsloeh.com. Version 006 – 06/2023 VM- printed 6/28/2023