

## DECLARATION OF COMPLIANCE Seitz® AKS4 Series Filter Sheets

### Product Grade

### AKS4

Seitz AKS4 Series filter sheets are intended for cold filtration of beer, water, fruit juice and spirits. These filters comprise a cellulose matrix with natural diatomaceous earth and activated carbon. The sheet material also contains low levels of binder resin, polyolefin fibres and perlite.

The AKS4 filter sheets possess a high adsorption capacity due to a content of about 40 weight percentage of finely powdered activated carbon.

An initial flush is required as detailed in Pall's Instruction for Use (IFU) documentation that accompanies the product, prior to use.

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Quality Director  
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## Seitz AKS4 Series Filter Sheets

### Components

Cellulose fibres, cross-linked cationic polyalkene amine binder resin, activated carbon, perlite, diatomaceous earth and polyolefin fibres.

### Declaration

#### Europe

The Seitz AKS4 Series filter sheets meet the requirements of food contact as detailed in European Regulation (EC) Number 1935/2004 in that:

- Our supplier states that the binder resin is suitable for use in the production of paper and paperboard intended to come into contact with food, according to with German BfR Recommendations XXXVI, XXXVI/1, XXXVI/2 and XXXVI/3.
- The binder resin, to be present at a concentration of less than 4% by weight in the sheet material has been tested after exposure to Pall production conditions and shown to meet DCP and 3-MCPD extractable levels in accordance with BfR XXXVI/1.
- Our suppliers state that the monomers and additives of the polymer fibres are listed in European Regulation (EU) Number 10/2011 Annex I.

**Note:** The AKS4 sheet material contains low levels of residual DCP and 3-MCPD as supplied. Therefore, Pall recommends pre-rinsing and flushing on installation of the sheet material, as detailed in the IFU accompanying the product, in order to minimise the levels of these substances migrating into foodstuff.

Pall has undertaken risk assessment of the levels of these substances expected to migrate to food (such as beer, water and fruit juice) and concluded that they are not expected to pose a risk to human health, based on current knowledge and the intended batch application use when in flow conditions, assuming a minimum batch size of 30 L/m<sup>2</sup>.

#### USA

The following materials of construction meet the FDA requirements for food contact use as detailed in the US Code of Federal Regulations, 21 CFR paragraphs 177-199 in that:

- Cellulose and binder resin for use in resin-bonded filters, as given in 21 CFR section 177.2260 (Filters, resin bonded) and 21 CFR section 176.170 (Components of paper and paperboard in contact with aqueous and fatty foods).
- Polyolefin fibres to 21 CFR section 177.1520 (Olefin polymers)
- The sheet filter material has met the requirements for total extractable as per 21 CFR 177.2260 (Filters, Resin Bonded) (g) (h) (i) (j) (k) (l), when tested with 50% ethanol at room temperature and n-hexane at reflux.
- Our supplier states that the activated carbon material employed meets the requirements of the monograph "Carbon Activated" in the latest version of the Food Chemical Codex (FCC).
- Our supplier states that the Perlite material employed complies with the requirements of the US Food Chemical Codex (FCC).
- Our supplier states that the diatomaceous earth material employed complies with the requirements of the US Food Chemical Codex (FCC).

## Process Quality System

Site of Manufacture: Pall Filtersystems GmbH, Bad Kreuznach, Germany on behalf of Pall International Sàrl.

The Quality Management System at Pall Filtersystems GmbH, Bad Kreuznach is certified to ISO 9001:2008.

These products / product packaging carry a lot number / date code to facilitate traceability to suppliers' materials and Pall production records as required by European Regulation (EC) number 2023/2006 related to food contact GMP.

## Supplied in Europe by

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