

Declaration of Compliance
SF – AKS4 Filter Sheets

Product Grades:

SF – AKS 4

The SF-AKS4 Series filter sheets are intended for decolorization and deodorization applications including distilled spirits, sweetener and sugar syrups, juice, wine, beer, gelatin, and high alcohol extracts. Additionally, AKS4 sheets may be used to dechlorinate water. These filters comprise a cellulose matrix with natural diatomaceous earth and activated carbon. The sheet material also contains low levels of binder resin, polyolefin fibers and perlite.

SF 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 recommended prior to use.

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| page: | 1 of 3 |


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SF AKS4 Series Filter Sheets

Components

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

Declaration

Europe

SF 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 BfR Recommendations XXXVI and XXXVI/1.
- Our suppliers state that the monomers and additives in the polymer fibers are listed in European Regulation (EU) Number 10/2011 Annex I.
- The filter sheet product complies with BfR Recommendations XXXVI and XXXVI/1, as well as with the German Foodstuffs and Animal Feed Code (LFGB) §§ 30 and 31.

Users should satisfy themselves that the materials are suitable for use in their specific food application.

Mercosur

The SF AKS4 Series filter sheets meet the requirements of food contact as detailed in Reglamento Técnico Mercosur sobre materiales celulósicos para cocción y filtración en caliente, Mercosur/GMC/res. No. 41/15

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 fibers 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 Manufacturer:

The Quality Management System of production site is certified to ISO 9001:2015

These products/ product packaging carry a lot number/ date code to facilitate traceability to suppliers' materials and production records.

Strassburger Filter GmbH & Co. KG confirms that this product is manufactured in line with the principles of food contact materials GMP as detailed in Regulation 2023/2006.

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