



Certification Data Sheet

Silica gel and Silica gel for chromatography

Product Manufacturer

The products **Silica gel** and **Silica gel for chromatography** are manufactured by Zeochem AG, CH-8707 Uetikon, Switzerland.

Silica gel for chromatography is sold under the brand names **ZEOprep**, **ZEOsphere**, and **KOVASIL**, respectively.

This certification data sheet does not cover the derivatised (grafted) silica gels for chromatography.

Customs tariff

Customs tariff number for Silica gel and Silica gel for chromatography, respectively, is 2811.22.00

Chemical Inventories

All products are in compliance with the following chemical inventories:

- United States: Toxic Substances Control Act Inventory (TSCA)
- Canada: Domestic Substances List (DSL)
- Europe: European Inventory of Existing Chemical Substances (EINECS)

Food Contact

- All products mentioned above comply with general requirements of Food Safety according to EU Directive 2002/178.
- This declaration meets the "Non Novel-Food" status in agreement with EU Directive 1997/258. The products meet the status "Product Generally Recognized as Safe" (GRAS) as referred in many publications.
- The products meet the requirement for "Food Chemical Codex".
- The materials are listed in EU Directive 2002/72 and amendments. There are no specific migration limits specified by the regulation for these materials. The directive specifies 10 mg/dm² as the maximum overall migration from the finished plastic food contact articles. This is the responsibility of the converter.
- The products meet the US Food and Drug Administration (FDA) requirements contained in the Code of Federal Regulations in 21 CFR 175.105, 176.170, 176.200, 176.210, 177.1200, 177.1210, 177.1680, 177.2260, and 177.2600, respectively.

Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE)

These products do not contain, nor are derived from "Specific Risk Materials" as defined in Annex XI, section A, to EU Directive 2001/999.

No components in the manufacture of these products are derived from animal sources. Further, the materials are heated to a temperature of 150°C.

Genetically Modified Organisms (GMO)

Silica gel and Silica gel for chromatography are fully synthesized from inorganic chemicals. The products are not genetically modified, nor do they contain genetically modified materials, nor are they produced out of genetically modified materials as specified by EU Directive 2001/50 and 2003/1829,



respectively. The products comply with traceability requirements of EU Directives 2003/1830 and 2004/65.

Kosher

The products are made out of purely inorganic chemicals, and therefore fulfil the Kosher requirements.

Food Allergen

The products do not contain ingredients as referred to the Annex IIIA of EU Directive 2003/89.

Organic Compounds

The products are produced out of inorganic materials and do not contain organic compounds, nor volatile organic compounds (VOC).

Use in electric and electronic devices, use in the automotive industry

It is further confirmed that all above mentioned products are produced in accordance with valid laws to be used in the field of electric devices and in the automotive industry.

The above-mentioned products are in agreement with the European Union Directives 2000/53/EC, 2002/95/EC, and 2003/11/EC, respectively. They fulfil the purity requirements for the production of electric devices and automotive devices. The products namely do not contain any heavy metals (lead, mercury, cadmium, chromium), nor poly-brominated aromatic compounds.

Ozone Depleting Chemicals

The materials listed in the European Union Directive 2037/2000/EC are not used in the manufacture of these products.

Asbestos

Asbestos is not used in the manufacture of these products. However, the products have not been tested for this chemical substance.

Ultimately, our customers are advised to make their own determination that their use of our products is safe, lawful (except as provided in this certification) and technically suitable in their intended applications.

Uetikon, June 26, 2006

Certified for Zeochem AG

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Safety and Environment

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