



Certification Data Sheet

ZEOCHEM® Molecular Sieve

Manufacturer

The zeolitic product line **Molecular Sieve** is manufactured by Zeochem AG, CH-8707 Uetikon, Switzerland. The product labelling follows the scheme: Molecular Sieve Z3-xx, Z4-xx, Z5-xx, and Z10-xx, respectively, where xx is a two-digit number.

Customs tariff

Customs tariff number for the product line **Molecular Sieve** is 3824.90.98

CAS Registry number

All zeolites of the product line **Molecular Sieve** are registered under CAS number 1318-02-1

Chemical Inventories

The 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)
- Australia: Australian Inventory of Chemical Substances (AICS)
- Korea: Korean Existing Chemicals List (KECL)
- Japan: Japanese Inventory (ENCS)

Food Contact

- The materials are listed in EC Directive 2002/72/EC 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 correspond to the purity requirement of the German Bundesinstitut für Risikobewertung (BfR) "Füllstoffe für Bedarfsgegenstände aus Kunststoffen".
- The products meet the US Food and Drug Administration (FDA) requirements contained in the Code of Federal Regulations in 21 CFR 176.170, 177.1200, 177.1520, 177.1680, 177.2260, and 177.2600, respectively.
- The products meet the Swiss plastic regulation 817.041.1, which specifies the requirements to plastics that get into contact with food.

Kosher

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

Carcinogenic, mutagenic and toxic for reproduction (CMR)

All zeolites of the product line **Molecular Sieve** are neither carcinogenic, nor mutagenic nor toxic for reproduction. The zeolites are not listed in the EU Directive 67/548/EEC.

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

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

No components in the manufacture of these products are derived from animal sources. Further, the materials are heated to a temperature of at least 500°C.

Genetically Modified Organisms (GMO)

The products 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 EC Regulation 50/2001/EC and 1829/2003/EC, respectively. The products comply with traceability requirements of EC Regulations 1830/2003/EC and 65/2004/EC.

Organic Compounds

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

European Union Directive on Heavy Metals

The above-mentioned products are in agreement with the European Union Directives 2000/53/EC, 2002/95/EC, and 2003/11/EC, respectively. 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 the use of our products is safe, lawful (except as provided in this certification) and technically suitable for their applications.

Uetikon, June 19, 2007

Zeochem AG

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Safety and Environment

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