



Statement on REACH

Regulation (EC) 1907/2006

Information obligation according to Article 33 REACH

The European directive on chemicals (EC) no. 1907/2006 regarding the Registration, Evaluation, Authorization and Restriction of Chemicals is also known under the key word REACH.

The main target of REACH is the protection of human health and the environment against possible chemical-related risks. The industry is obliged to evaluate and limit the risks posed by chemicals and provide the users with appropriate safety information. For this, a registration of all chemical substances produced or imported in quantities of 1 ton or more per year is required.

GSR Ventiltechnik GmbH & Co. KG is developing and manufacturing solenoid valves and pneumatically operated seat valves. *GSR does neither produce nor imports nor distribute chemicals. We are, above all, users and processors of products. Within the meaning of the regulation, GSR is a subsequent user and is therefore subject to the requirements on communication in the supply chain.*

According to Article 33, Paragraph 1, each supplier of a manufacture or a product is obliged to provide information if the manufacture or the product contains a substance included in the SVHC candidate list in a concentration above 0.1% by weight.

The SVHC list is a list of Substances of Very High Concern for which a future regulation in REACH is checked and which will be listed afterwards in Appendix XIV of the REACH regulation (authorization list). The current SVHC list is published on the ECHA homepage (European Chemicals Authority): <https://echa.europa.eu/de/candidate-list-table>

Substances used in GSR products listed in SVHC candidate list (Revision 05-Nov-2025):

Substance	CAS no.:	Concentration (% by weight)
Lead	7439-92-1	>0.1%

All GSR valves with components made of brass, red brass and other copper alloy as well as aluminum (with restrictions) contain the substance lead in a concentration of more than 0.1 percent by weight. The lead is an alloy element and is firmly bound in the material. An exposition into the environment is therefore not to be expected and further information on safe use in addition to the general installation and operating instructions is not necessary.

Substance	CAS no.:	Concentration (% by weight)
Octamethylcyclotetrasiloxane (D4)	556-67-2	>0.1%
Decamethylcyclopentasiloxane (D5)	541-02-6	>0.1%
Dodecamethylcyclohexasiloxane (D6)	540-97-6	>0.1%

In Valves of our special type 2/556, we use silicone seals. According to the manufacturer, this silicone material may contain cyclosiloxanes, which are "discriminated" by the tempering process, but a mass concentration of less than 0.1% cannot be guaranteed.

Since the indicated substances are incorporated in a polymer matrix, it is unlikely that the product poses a risk to human health or the environment.

Vlotho, 07.01.2026

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