

GRUNDFOS Holding A/S

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Information regarding REACH Candidate List of Substances of Very High Concern for Authorization

At Grundfos, we run our business in a responsible and ever more sustainable way. We are committed to creating products and solutions that help our customers and the surrounding world conserve natural resources and reduce climate impacts.

To give our suppliers, contractors and other relevant stakeholders world wide a tool to help comply with this, we have devised the Grundfos Focus List, which bans or restricts the use of certain chemical substances in Grundfos products, Grundfos production processes and at Grundfos facilities.

The process set-out in Grundfos is to phase out the use of the Substances of Very High Concern (SVHC) from the REACH Candidate List (www.echa.europa.eu/web/guest/candidate-list-table).

With the update as of 27.06.2018 when Lead (CAS RN: 7439-92-1) was added to the REACH Candidate List of Substances of Very High Concern for Authorization, we are making an exemption from our internal procedures, since a timely phase out is not possible. The responsibility for our suppliers is to inform us about the presences of any SVHC in particular Lead.

Lead is only used in applications that are declared as exemptions in the EU RoHS Directive and the purpose of the RoHS directive is to eliminate risk of harm:

- 6(c): Copper alloy containing up to 4% lead by weight (used in fittings, unions etc.)
- 6(b): Lead as an alloying element in aluminum containing up to 0,4% by weight (used in very few parts)
- 6(a): Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0,35 % lead by weight (used in very few parts)
- 7(a): Lead in high melting temperature type solders (used in electronic components)
- 7(c)-I: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

Grundfos just recently learnt that certain composite polymeric articles might contain the Substance of Very High Concern (according to Regulation (EC) No 1907/2006 (REACH), Article 59) “C4 salt” (Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate; CAS RN: 29420-49-3) above 0.1 weight% which has been added to the REACH Candidate List on 16th January 2020.

The SCIP obligations entered into force on the 5th January 2021 as set-out in the Waste Framework Directive (2008/98/EC). Therefore, Grundfos has established a digital platform in order to on-board our suppliers to collect relevant information. With this new digital platform, we will at a very detailed level be able to monitor declarable substances in the products. Due to a large number of customers requests, we apologize for a longer response time.

Grundfos Holding A/S strives to achieve that all suppliers of raw materials and components to the Grundfos Group enter into contractual obligations to comply with the chemical legislation listed in the Focus List; www.grundfos.com/focus-list. Therefore, as information is passed on in the supply chain, we will provide further information at our dedicated website:

<https://www.grundfos.com/sustainability/environment/product-sustainability?tab=product-chemical-compliance>.

In case of any questions, please contact us at the e-mail: focus-list@grundfos.com and please use the subject: “REACH SVHC information”.

Yours sincerely,
GRUNDFOS Holding A/S



Katrina Sonne Einhorn
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