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Dear customer,

These days, at EDELRID we get a lot of questions regarding disinfection of PPE products to avoid contamination with the virus SARS-CoV-2, causing the corona virus disease COVID-19.

There are numerous disinfectants against SARS-CoV-2<sup>1</sup> of which we focused on isopropanol. In our study we wanted to test if our PPE products could be disinfected by isopropanol. The idea of this study was explicitly to test if the disinfectant is not harmful for our products. We cannot make any statement towards the efficiency against SARS-CoV-2.

In detail, we immersed polyamide (PA6), polyester (PET) and Dyneema® slings plus a dynamic climbing rope (PA6) in undiluted isopropanol (CAS: 67-63-0) for 24h and subsequently let everything air dry for at least another 24h. Afterwards, the residual strength of the slings and ropes was tested statically and dynamically, respectively.

As a result, we could not detect any significant loss of strength for all our tested products under these conditions. Thus we recommend the usage of 70% to 100% isopropanol to disinfect our PPE products as the performance will not be altered by it.

In addition, to ensure the usability of your PPE products, EDELRID recommends to clean them according to the instructions in the user manual.

If you have any further questions, please do not hesitate to contact us.

With kind regards,

Your EDELRID- Team.

<sup>1</sup> For example: <https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2> (Visited 23.03.2020 at 1pm) or *Bundesgesundheitsbl* 2017 · 60:1274–1297.

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