AdvocoTox
Chemicals and Product Safety

Z-vatten & Z-water

Z-vatten and Z-water contain a **very low concentration** of potassium hydroxide (0.17%).

According to the European Chemicals Agency (ECHA) **concentrated** potassium hydroxide is classified H302 (Harmful if swallowed) and H314 (Causes severe skin burns and eye damage). An explanation of the H-phrases that are stated in section 3 (where the composition is shown) of the Safety Data Sheet, should be explained in section 16. This explanation states the classification of **concentrated** potassium hydroxide and not the characteristics of Z-vatten and Z-water.

The low concentration of potassium hydroxide (0.17%) in Z-vatten and Z-water does not result in hazardous classification of the product.

Instead, according to ECHA, mixtures with potassium hydroxide is classified irritating to skin and eyes at concentrations **from 0.5% to 2.0%** https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/128217 and a mixture is classified corrosive when it contains potassium hydroxide **above 2%**, i.e. more than 10 times stronger than Z-vatten and Z-water.

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