

The present invention relates to the use of at least one enzyme component from the group consisting of carbohydrases, proteases, lipases and glycol proteases and a short-chained glycol component for the avoidance of slime formation and/or for the removal of biofilm on surfaces of water-bearing systems, in particular of industrial process-water systems. The enzyme component(s) and the glycol component can be added to the water-bearing system either separately, i.e., at different points, or in the form of an enzymatic composition containing the enzyme component(s) and the glycol component.