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The possibilities of decrease the residual toxic activity of nanobiocides at dreissena mussel control in biofouling structure

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Abstract

Experiments were conducted to assess the possibility of reducing the toxicity of the working solution of biocidal composition comprising hydrogen peroxide, complexing agent and water for aquatic organisms up to the normative values for fishery water reservoirs. The efficiency of reducing the toxicity of the solution using the biomass of *Dreissena mussel* or aquatic plants, and the effective mass of aquatic plants is much higher as compared to the mass of *Dreissena*.