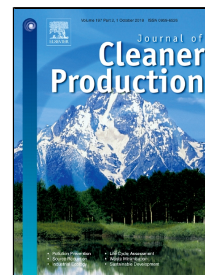


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New possibilities of neutralisation sludge solidification technology

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Abstract. This paper presents the procedure and results of research on the effectiveness of metal immobilisation in treated neutralisation sludge with the help of the solidification method using cement and power plant filter fly ash. Qualitative and quantitative tests were performed to assess the suitability of the developed materials – solidification products. The studied solidification technology will allow the use of the solidification products as a filler material for recultivation works in landfills, as a buffer layer or underlying layer during the construction of roads or in subfloors, and for installation of technological units in landfills.

Keywords: solidification; neutralisation sludge; hazardous waste; ecological requirements

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