

Coprocessing organochlorine and TNT productions

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Abstract

This article presents results of research on the development of an efficient method for the recovery and recycling joint waste organochlorine and TNT productions in the manufacture of silica glass and bleaching compositions like "Belizna". Existing methods of co-processing of wastes of these industries had flaws that were or low quality target product, or need to use up to 80% of scarce natural resources. The proposed method of disposal of organochlorine and TNT productions based on the replacement of natural calcium and sulfate-containing components of the original glass batch on the waste mentioned industries in the manufacture of silica glass. It is shown that the quality of the silicate glass and the whitening composition matches the quality of industrial materials.