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## **Application of flocculants for wastewater** treatment of chemical industry

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## **Abstract**

The problem of reducing the negative impact on the environment of waste production of soda ash by ammonia method is relevant in all countries, producing soda by this method. One of the effective ways of intensification of the existing wastewater treatment technologies is the use of high-molecular flocculants alone or together with coagulants. To select an effective flocculant used in order distiller thickening suspension was carried out analysis of the applicability of the following types of flocculants – Kaustamin-15, VPK-402, Polyacrylamide, SCF-25, Flopam. Analysis of the results of a series of experiments showed that the consideration of the best indicators of flocculants for the deposition rate, the content of suspended solids in purified suspension, the relative degree of compaction have the following brands: Kaustamin-15, Polyacrylamide and Flopam.