

Title (en)

WASHING OR CLEANING AGENTS CONTAINING WATER-SOLUBLE BUILDERS

Title (de)

WASCH- ODER REINIGUNGSMITTEL MIT WASSERLÖSLICHEN BUILDERSUBSTANZEN

Title (fr)

AGENTS DE LAVAGE OU DE NETTOYAGE CONTENANT DES ADJUVANTS DE LAVAGE HYDROSOLUBLES

Publication

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Application

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Abstract (en)

[origin: WO9617045A1] The aim of the invention is the production, in particular by extrusion, of washing or cleaning agents with bulk densities higher than 600 g/l containing anionic and, optionally, non-ionic surfactants plus water-soluble builders such as sodium carbonate and amorphous sodium silicate to an extent such that zeolites become unnecessary or are necessary only in smaller quantities, but without causing problems in the production of the agents, particularly as regards the extrusion procedure. This aim is achieved by reducing the average zeolite content to less than 19 % by wt. (calculated on the basis of the anhydrous substance) and adding sodium carbonate and amorphous sodium silicate to give a total content of 10 to 40 % by wt. (also calculated based on the anhydrous substances), the ratio by weight of sodium carbonate to sodium silicate lying within the range 5:1 to 1:10 and at least part of the sodium carbonate being added in granular form. Preferably added are granular carbonate-containing materials which also contain amorphous silicates.

IPC 1-7

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IPC 8 full level

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