

Title (en)

METHOD FOR PRODUCING BLEACH ACTIVATOR GRANULES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BLEICHAKTIVATORGRANULATEN

Title (fr)

PROCEDE DE PRODUCTION DE GRANULES ACTIVATEURS DE BLANCHIMENT

Publication

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Application

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Abstract (en)

[origin: WO03048289A1] The aim of the invention is to improve a method for producing bleach activator granules whereby obtaining granules that are more stable in storage and more pourable. This is achieved, in essence, by the following steps: a) preparing an aqueous solution containing cationic nitrile and, optionally, alkali cumene sulfonate; b) optionally adjusting the solution to an acid pH value; c) atomizing and drying the solution in a fluidized bed apparatus; d) optionally dusting off the hereby obtained primary granules in the fluidized bed; e) hardening the optionally dusted off primary granules by subsequently spraying them with an aqueous hardening solution that contains, as a hardening active substance, polymeric polycarboxylate and/or alkali phosphonate while simultaneously drying in the same fluidized bed apparatus or, optionally, in a second fluidized bed apparatus connected downstream therefrom; f) removing the granules from the fluidized bed apparatus and optionally separating the granules into product granules and coarse/fine granules, particularly by sieving; g) optionally returning the fine granules and/or comminuted coarse granules into the fluidized bed in step c); h) optionally returning fine granules and/or ground up coarse granules into dusting off step d).

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