

Title (en)

METHOD FOR PRODUCING COATED BLEACH ACTIVATOR GRANULES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON UMHÜLLTEN BLEICHAKTIVATORGRANULATEN

Title (fr)

PROCEDE DE PRODUCTION DE GRANULES ENROBES ACTIVATEURS DE BLANCHIMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03048290A1] The aim of the invention is to improve the stability in storage and pourability of particle-shaped bleach activators of formula (I) in which: R<1> represents -H, -CH₃, a C₂-24 alkyl radical or alkenyl radical, a substituted C₂-24 alkyl radical or alkenyl radical having at least one substituent selected from the group comprised of -Cl, -Br, -OH, -NH₂, -CN, an alkyl radical or alkenyl aryl radical having a C₁-24 alkyl group or represents a substituted alkyl radical or alkenyl aryl radical having a C₁-24 alkyl group and at least one additional substituent on the aromatic ring; R<2> and R<3>, selected independent of one another, consist of -CH₂-CN, -CH₃, -CH₂-CH₃, -CH₂-CH<2>-CH₃, -CH(CH₃)-CH₃, -CH₂-OH, -CH₂-CH₂-OH, -CH(OH)-CH₃, -CH₂-CH₂-CH₂-OH, -CH₂-CH(OH)-CH₃, -CH(OH)-CH₂-CH₃, -(CH₂CH₂-O)_nH with n being equal to 1, 2, 3, 4, 5 or 6; R<4> and R<5>, independent of one another, have a meaning previously given for R<1>, R<2> or R<3>, and; X is a charge-compensating anion. The stability in storage and pourability are improved, essentially by spraying the particle-shaped bleach activators with an acid aqueous solution that, as both a coating and hardening active substance, contains polymeric polycarboxylate and/or phosphonic acid or alkali phosphonate while simultaneously drying them in a fluidized bed apparatus.

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