

Title (en)
HOMOGENOUS GRANULES COMPRISED OF SODIUM TRIPOLYPHOSPHATE, SODIUM SULPHATE AND SODIUM CARBONATE, PROCESS FOR ITS PREPARATION AND APPLICATIONS TO DETERGENTS AND WASHING AGENTS

Title (de)
HOMOGENE GRANULATE AUS NATRIUMTRIPOLYPHOSPHAT, NATRIUMSULFAT, NATRIUMCARBONAT, VERFAHREN ZU IHRER HERSTELLUNG SOWIE IHRE VERWENDUNG IN WASCH- UND REINIGUNGSMITTELN

Title (fr)
GRANULES HOMOGENES COMPOSES DE TRIPOLYPHOSPHATE DE SODIUM, DE SULFATE DE SODIUM ET DE CARBONATE DE SODIUM, PROCEDE POUR LEUR FABRICATION ET LEUR APPLICATION COMME DETERGENTS ET PRODUITS DE LAVAGE

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Application
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Abstract (en)
The granules comprised of 40 to 80 % by weight of sodium tripolyphosphate, 20 to 70 % by weight of sodium sulphate, and 5 to 40 % by weight of sodium carbonate. Said granules have a total fluidity and mobility (free-flowing), an apparent density between 600 and 1,000 g/L, a particle size smaller than 1,500 μ m, a chemically bound water content between 0.2 % and 10 % by weight, an non-bound free water content smaller than 1 % by weight, and an absorptivity of non-ionic surfactants of at least 20 %. The granules can be obtained by a hydration/agglomeration process with a liquid ligand. The granules are appropriate as raw material in the formulation of compact detergent compositions by atomization or by dry mixing and/or agglomeration.

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