

Title (en)
PASTE-LIKE TEXTILE WASHING AGENT

Title (de)
PASTENFÖRMIGES TEXTILWASCHMITTEL

Title (fr)
DETERGENT PATEUX POUR TEXTILES

Publication
EP 0721493 B1 19981118 (DE)

Application
EP 94928373 A 19940919

Priority
• DE 4333224 A 19930930
• EP 9403123 W 19940919

Abstract (en)
[origin: WO9509224A1] Paste-like textile washing agents contain non-ionic surfactant and anionic surfactant of the sulphate and sulphonate type. In order to minimise changes in viscosity due to an increasing or variable salt content from the raw materials, a paste-like washing agent contains 2 to 35 % by weight non-ionic surfactant having the general formula $R_{<1>}-(OC_2H_4)_n-OH$, in which $R_{<1>}$ stands for an alkyl or alkenyl residue with 10 to 20 C atoms and the mean ethoxylation degree n may equal 1 to 12; 4 to 40 % by weight of a combination of alkyl residues containing alkali and/or ammonium alkylbenzolsulphonate with 9 to 15 C atoms and ether sulphate having the general formula $R_{<2>}-(OC_2H_4)_p-OSO_3M$, in which $R_{<2>}$ stands for an alkyl or alkenyl residue with 10 to 20 C atoms, M is an alkali metal and/or ammonium ion and the mean ethoxylation degree p may equal 1 to 5; and/or alkyl sulphate having the general formula $R_{<3>}-OSO_3Y$, in which $R_{<3>}$ stands for an alkyl or alkenyl residue with 10 to 20 C atoms and Y is an alkali metal and/or ammonium ion. The weight ratio between alkylbenzolsulphonate and ether sulphate and/or alkyl sulphate equals 1:3 to 5:1. The remaining percentage by weight of the washing agent is made up of other usual components and its viscosity at 20 DEG C lies in a range from 7,500 mPa·s and 40,000 mPa·s at inorganic salt contents from 1.75 to 3.5% by weight.

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IPC 8 full level
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