

Title (en)

LAUNDRY DETERGENT COMPOSITIONS COMPRISING ZWITTERIONIC POLYAMINES

Title (de)

WASCHMITTELZUSAMMENSETZUNGEN, ZWITTERIONISCHE POLYMERE ENTHALTEND

Title (fr)

COMPOSITIONS DE DETERGENT A LESSIVE CONTENANT DES POLYAMINES ZWITTERIONIQUES

Publication

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Application

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Abstract (en)

[origin: WO0134748A1] The present invention relates to laundry detergent composition comprising: from about 0.01 %, most preferably from about 3 % to about 50 %, most preferably to about 7 % by weight, of a hydrophobically modified polyamine having formula (I): wherein R is C5-C20 linear or branched alkylene, and mixtures thereof; R<1> is an alkyleneoxy unit having the formula: -(R<2>O)x-R3 wherein R<2> is C2-C4 linear or branched alkylene, and mixtures thereof; R<3> is hydrogen, C1-C22 alkyl, C7-C22 alkylenearyl, an anionic unit, and mixtures thereof; x is from about 15 to about 30; Q is a hydrophobic quaternizing unit selected from the group consisting of C8-C30 linear or branched alkyl, C6-C30 cycloalkyl, C7-C30 substituted or unsubstituted alkylenearyl, and mixtures thereof; X is an anion present in sufficient amount to provide electronic neutrality; n is from 0 to 4, from about 0.01 % by weight, of surfactant; the balance carriers and adjunct ingredients.

IPC 1-7

C11D 3/37

IPC 8 full level

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