

Title (en)
DETERGENT FORMULATIONS

Title (de)
WASCHMITTELFÖRMULIERUNGEN

Title (fr)
FORMULATIONS DE DETERGENTS

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Abstract (en)
[origin: WO9637597A1] The present invention relates to detergent compositions containing hydrophilic copolymers of formula (I) wherein x, y, and z are integers, (x + y):z is from about 5:1 to about 1000:1, and y can be any value ranging from zero up to the value of x; M is an alkali metal or hydrogen; R1 is H or CH3; R2 is -COOM, -OCH3, -SO3M, -O-CO-CH3, -CO-NH2; W is selected from residues of formula (II), (III) or (IV) or mixtures of (III) and (IV); wherein R1 is as defined above; R3 is -CH2-O-, -CH2-N-, -COO-, -O-, (1), -CO-NH-; Q is (2), (3) or (4) wherein M is as defined above; a is an integer from 0 to about 516; b is an integer from 0 to about 680; with the proviso that the sum of a + b cannot be 0; R4 is a C3-C4 alkyleneoxy group; and R5 is -CH2-CH2-O-, G and G<1> are end groups.

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