

Title (en)  
SOFTENER COMPOSITION

Title (de)  
WEICHMACHERZUSAMMENSETZUNG

Title (fr)  
COMPOSITION D'ADOUCISSANT

Publication  
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Application  
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Abstract (en)  
[origin: EP1154068A1] The purpose of the present invention is to provide a softener composition which suppresses for a long time body smell derived from sweat etc. and is excellent in the softening effect. That is, the present invention relates to a softener composition comprising: (a) a quaternary ammonium compound represented by the formula (1) : <CHEM> wherein R<1> and R<2> independently represent a C12-22 alkyl or alkenyl group, X and Y are independently -COO-, -CONR<7>-, -OCO- or -NR<7>CO-, provided that at least one of X and Y is -COO- or -OCO-, R<7> represents a hydrogen atom or a C1-3 alkyl or hydroxyalkyl group, R<3> and R<4> independently represent a C1-5 alkylene group, R<5> and R<6> represent a C1-3 alkyl or hydroxyalkyl group or R<1>-X-R<3>- and Z<-> is an anionic group, (b) a quaternary ammonium compound represented by the formula (2) : <CHEM> wherein R<8> represents a C12-22 alkyl or alkenyl group, W is a group selected from -COO-, -CONR<7>-, -OCO- and -NR<7>CO-, R<7> represents a hydrogen atom or a C1-3 alkyl or hydroxyalkyl group, preferably a hydrogen atom, R<9> represents a C1-5 alkylene group, R<10> and R<11> represent a C1-3 alkyl or hydroxyalkyl group, R<12> represents a C1-3 alkyl group or -R<26>-OH, R<26> is a C1-5 alkylene group and Z<-> is an anionic group, and a compound selected from the following component (c) or (d) : (c) 0.1 to 15 % by weight of a compound represented by the formula (3) and/or formula (4) : <CHEM> <CHEM> wherein R<13> and R<18> independently represent a C5-19 alkyl or alkenyl group, R<14> and R<15> independently represent a C1-3 alkyl or hydroxyalkyl group and T is -COO-, -OCO-, -CONH-, -NHCO-, <CHEM> or a linkage, R<16> represents a C1-3 alkylene group, R<17> represents a C1-6 alkylene group or -(O-R<19>)<sub>n</sub>, R<19> is ethylene group or propylene group and n is a number of 1 to 10 and W<-> is an anionic group, and (d) 0.01 to 15 % by weight of a compound represented by the formula (5) : <CHEM> wherein 2 or 3 groups out of R<20>, R<21>, R<22> and R<23> represent a C8-12 alkyl group, the remainder of them represent a C1-3 alkyl group, a C1-3 hydroxyalkyl group or a C7-15 arylalkyl group and Z<-> is an anionic group.

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