

Title (en)  
HARD-SURFACE CLEANING COMPOSITIONS

Title (de)  
REINIGUNGSZUSAMMENSETZUNGEN FÜR HARTE OBERFLÄCHEN

Title (fr)  
COMPOSITIONS DE NETTOYAGE DE SURFACES DURES

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Application  
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Abstract (en)  
[origin: WO9840452A1] The invention provides a hard surface cleaning composition of pH 3-11 comprising: a) 1-30 % nonionic surfactant, b) 0.005-5 % of a water soluble, anionic polymer having an average molecular weight of less than 1000000, said polymer being free of quaternary nitrogen groups, wherein, the ratio of polymer: nonionic is 0.1: 1 or less, and, c) 0.005-5 % of a cationic surfactant. It is believed that in the presence of the cationic surfactant, negatively charged (i.e. carboxylic dissociated) polymer can interact with the cationic surfactant and the nonionic surfactant to form a three-component complex which deposit the nonionic surfactant upon the soil and/or surface being cleaned. While the mechanism is not entirely clear, this may possibly be due to the interaction of the charged polymer with mixed miscelles of cationic and nonionic surfactant.

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IPC 8 full level  
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WO 8912673 A1 19891228 - VAX APPLIANCES LTD [GB]

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