

Title (en)  
AQUEOUS SURFACTANT COMPOSITIONS

Title (de)  
WÄSSRIGE TENSID-ZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS TENSIO-ACTIVES AQUEUSES

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Application  
**EP 17721747 A 20170511**

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Abstract (en)  
[origin: WO2017198527A1] The invention relates to aqueous surfactant compositions comprising • one or more alpha-sulfofatty acid di-salts (A) of general formula (I),  $R_1CH(SO_3M_1)COOM_2$  (I), wherein the group  $R_1$  is a linear or branched alkyl or alkenyl group with 6 to 18 C atoms and the groups  $M_1$  and  $M_2$  are selected independently of each other from the group consisting of H, Li, Na, K, Ca/2, Mg/2, ammonium and alkanolamines, • one or more sulfoketones (B) which are selected from the compounds (F) and the compounds (G), wherein the compounds (F) have the general formula (VI)  $R_6CH_2-CO-CHR_7(SO_3M_8)$  (VI), wherein the groups  $R_6$  and  $R_7$  independently of one another represent a linear or branched alkyl group with 6 to 18 C atoms and the group  $M_8$  is selected from the group consisting of H, Li, Na, K, Ca/2, Mg/2, ammonium and alkanolamines, and wherein the compounds (G) have the general formula (VII)  $(SO_3M_9)R_8CH-CO-CHR_9(SO_3M_{10})$  (VII), wherein the groups  $R_8$  and  $R_9$  independently of one another represent a linear or branched alkyl group with 6 to 18 C atoms and the groups  $M_9$  and  $M_{10}$  independently of one another are selected from the group consisting of H, Li, Na, K, Ca/2, Mg/2, ammonium and alkanolamines, and • water, wherein the quantity of compounds (A) is larger than the quantity of compounds (B), both relative to the entire aqueous surfactant composition, and wherein a boundary condition has to be met with respect to so-called ester sulfonates that is further specified in the patent claims. The compositions have a good foaming power and good skin tolerance and the foam has a pleasant sensory feel, and they are suitable for cosmetic agents as well as detergents and cleaning agents.

IPC 8 full level  
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