

Title (en)
TERNARY SURFACTANT BLENDS COMPRISING CATIONIC, ANIONIC, AND BRIDGING SURFACTANTS AND METHODS OF PREPARING SAME

Title (de)
KATIONISCHE, ANIONISCHE UND ÜBERBRÜCKENDE TENSIDE ENTHALTENDETERNÄRE OBERFLÄCHENAKTIVE MISCHUNGEN UND IHRE VERFAHREN ZUR HERSTELLUNG

Title (fr)
MELANGES DE TENSIOACTIFS TERNAIRES COMPRENANT DES TENSIOACTIFS CATIONIQUES, ANIONIQUES ET DES TENSIOACTIFS DE PONTAGE ET PROCEDES DE PREPARATION DE CES MELANGES

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Abstract (en)
[origin: WO0119507A1] The present invention relates to ternary surfactant blends comprising a mixture of at least one cationic surfactant, at least one anionic surfactant and at least one "bridging surfactant" selected from semi-polar nonionic, ethoxylated alkanolamide, and amphoteric/zwitterionic surfactants, and mixtures thereof. More specifically, the invention relates to stable, synergistic mixtures of cationic, anionic, and bridging surfactants that are useful as bulk surfactant blends. Surfactant blends of the present invention are useful for preparing a variety of finished consumer cleaning products, including for example, liquid dish detergents, laundry detergents, automatic dishwasher detergents, hand soaps, laundry bars, personal cleansing bars, multi-purpose cleaners, multi-functional shampoos, body washes, and textile treatment compositions. Surfactant blends of the present invention also may be employed as surfactants in agricultural and pesticide applications. Additionally, the surfactant blends may be utilized in antimicrobial detergent formulations (e.g., antimicrobial hard surface cleaners, hand soaps, shampoos, and dish detergents), soft-terg delivery systems and pre-spotter compositions.

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