

Title (en)  
DETERGENT BARS COMPRISING ADJUVANT POWDERS FOR DELIVERING BENEFIT AGENT AND PROCESS FOR MANUFACTURE OF SAID BARS

Title (de)  
REINIGUNGSMITTELSTÜCKE ENTHALTEND PULVERFÖRMIGE WIRKSTOFFE, UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)  
PAINS DETERGENTS CONTENANT DES POUDRES ADJUVANTES POUR LIBERER UN AGENT BENEFIQUE ET PROCEDE POUR PRODUIRE CES PAINS

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Application  
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Abstract (en)  
[origin: WO9842814A1] Adjuvant powder compositions contain a benefit agent or agents and which powder compositions are used in detergent bar compositions to enhance delivery of the benefit agent. The carriers used to form adjuvants must have melting point high enough to survive spray-drying process. Specifically, the invention relates to a bar compositions comprising (A) about 1 % to 30 % powder comprising: (a) 1 % to 70 % by wt. powder benefit agent; (b) 15 % to 98 % by wt. powder carrier; (c) 1 % to 10 % by wt. powder water; and (d) 0 % to 30 % by wt. powder deposition/processing aid (e.g., surfactant, cationic polymer and/or hydrophilic polymer); and (B) 99 % to 70 % chips comprising 5 % to 90 % of a surfactant system wherein the surfactant is selected from the group consisting of soap, anionic surfactant, nonionic surfactant, amphoteric surfactant, cationic surfactant and mixtures thereof. The present invention also provides a process for making bars wherein (A) and (B) are separately prepared; wherein (a), (b), (c) and optional (d) are mixed at 40 DEG to 80 DEG C; wherein the mixture of (a) and (b) is spray dried at 80 DEG C to 200 DEG C at a pressure of 0.10 to 0.30 MPa; and wherein (A) and (B) are mixed, plodded, and extruded into a final bar.

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