

Title (en)

DETERGENT COMPOSITIONS CONTAINING POLYHYDROXY FATTY ACID AMIDES AND SUDS ENHANCING AGENT.

Title (de)

POLYHYDROXYFETTSÄUREAMIDE UND SCHAUMVERSTÄRKER ENTHALTENDE WASCHMITTELZUSAMMENSETZUNGEN.

Title (fr)

COMPOSITIONS DETERGENTES CONTENANT DES TENSIOACTIFS ANIONIQUES, DES AMIDES D'ACIDES GRAS POLYHYDROXY ET UN AGENT AMELIORANT LE POUVOIR MOUSSANT A SELECTION CRITIQUE.

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Application

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Abstract (en)

[origin: WO9206161A1] The present invention provides detergent compositions comprising one or more anionic sulfate or sulfonate surfactants; one or more polyhydroxy fatty acid amides having formula (I), wherein R<1> is H, a C1-C4 hydrocarbyl, 2-hydroxy ethyl, 2-hydroxy propyl, or mixtures thereof, R<2> is a C5-C31 hydrocarbyl, and Z is a polyhydroxyhydrocarbyl having a linear hydrocarbyl chain with at least 3 hydroxyl groups directly connected to the chain, or an alkoxylated derivative thereof; and a critically selected suds enhancing agent. The present invention also provides for a method for cleaning soiled dishes by treating said dishes with the detergent compositions disclosed herein.

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HU T63873 A 19931028; JP 3046070 B2 20000529; JP H06502198 A 19940310; MX 9101363 A 19920504; MY 110806 A 19990531;
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JP 51700191 A 19910925; MX 9101363 A 19910930; MY PI19911783 A 19910928; NO 931020 A 19930322; NZ 24004191 A 19910930