

Title (en)
Non-foaming detergent compositions for concentrated alkaline medium

Title (de)
Nichtschäumende Reinigungsmittel für konzentriertes alkalisches Medium

Title (fr)
Compositions détergentes non moussantes pour milieux alcalins concentrés

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Application
EP 99401539 A 19990621

Priority
FR 9808608 A 19980706

Abstract (en)
A detergent composition non-foaming and stable in a strongly alkaline medium, for industrial or domestic uses comprises a non-foaming detergent (25-45 wt. parts), a stabilizing agent (15-25 wt. parts) and alkenylsuccinic acid or anhydride (30-60 wt. parts). A detergent composition non-foaming and stable in a strongly alkaline medium, for industrial or domestic uses comprises a non-foaming detergent of formula (I) (25-45 wt. parts), a stabilizing agent (15-25 wt. parts) and alkenylsuccinic acid of formula (II) or its anhydride (30-60 wt. parts). The stabilizing agent is phosphoric mono- or diester produced by reacting phosphoric anhydride with 4-12C aliphatic alcohol. R<1> = 8-20C (preferably 8-12C) alkyl, octylphenyl or nonylphenyl; n = 8-15; R<2> = 3-5C alkoxy, benzyloxy, Cl or polyoxyalkylene of formula (i); R' = 1-2C alkyl; p = 1-10; m = 4-12. An Independent claim is also included for a detergent comprising the detergent composition described above (1-5 wt. %) in a solution of sodium hydroxide or potassium hydroxide, or a mixture of alkaline salts.

Abstract (fr)
Compositions détergentes non moussantes et stables en milieu fortement alcalin, comportant 25 à 45 % en poids d'agent détergent non moussant, en particulier un tensioactif non ionique chapeauté, par exemple un α -alkyle- ω -halogéno-poly(oxy-1,2-éthanediyle), ou un l' α -décyl- ω -benzyloxy-poly(oxy-1,2-éthanediyle), 15 à 25 % en poids d'agent de stabilisation, en particulier un ester phosphorique d'alcool gras, et 30 à 60 % en poids d'acide ou d'anhydride alkenylsuccinique, en particulier l'acide ou l'anhydride octénylsuccinique. Ces compositions permettent la préparation de lessives alcalines pour nettoyage de surfaces dures, elles-mêmes non moussantes, même en nettoyage sous pression.

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Citation (search report)
• [A] US 3579453 A 19710518 - DUPRE JEAN, et al
• [A] US 4597888 A 19860701 - KING PETER F [US]
• [A] FR 2292037 A1 19760618 - BEROL KEMI AB [SE]
• [A] FR 2386604 A1 19781103 - GAF CORP [US]

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