

Title (en)

IMPROVEMENTS RELATING TO SURFACTANT-OIL MICROEMULSION CONCENTRATES

Title (de)

VERBESSERUNGEN IN BEZUG AUF TENSIDÖL-MIKROEMULSIONKONZENTRATE

Title (fr)

AMELIORATIONS APORTEES A DES CONCENTRES DE MICROEMULSIONS DE TENSIOACTIFS-HUILES

Publication

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Application

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Abstract (en)

[origin: WO9601305A1] The disclosure relates to an aqueous cleaning composition which upon aqueous dilution by a factor of at least two produces a stable emulsion, said emulsion having a measured dispersed phase particle size of 10-100 nanometers, said composition including: a) 20-70 wt. % water, b) from 15-40 wt.% of a surfactant system comprising at least one alkoxylated alcohol nonionic surfactant and not more than 20 wt.% on surfactant of anionic, cationic, amphoteric or zwitterionic surfactant, c) from 5-30 wt.% of a solvent, said solvent having a solubility of greater than 2 % w/w but less than 12 % w/w in water, and d) 5-20 wt.% of a substantially water-insoluble oil, said composition having a measured dispersed phase particle size of greater than 100 nm prior to dilution. Advantageously, the compositions according to the invention are of relatively high viscosity and exhibit the property of clinging to a sloping surface, while, on dilution, they form mobile microemulsions.

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