

Title (en)
POLYMERISABLE SURFACTANTS

Title (de)
POLYMERISIERBARE OBERFLÄCHENAKTIVE MITTEL

Title (fr)
TENSIOACTIFS POLYMERISABLES

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Abstract (en)
[origin: WO0027890A1] The invention provides a polymerisable surfactant having at least one hydrophobic polymerisable group which is linked by polyalkyleneoxy groups to a hydrophilic group, wherein the polymerisable surfactant is of the general formula: $(RCH = CR'COO [CH_2CHR''O]_x)nPO(OY)_m$, where $n + m = 3$; x is between 5 and 40; $R = H$ or CH_3 or $COOR'''$; $R' = H$ or CH_3 ; $R'' = H$, CH_3 or C_2H_5 ; $R''' = C_1$ - C_{20} alkyl; $Y = H$ or an alkali metal atom. The invention further relates to a method of making such surfactants and to their use in surface coatings, to improve water-resistance and to reduce the formation of "bloom" and "blush" in such coatings.

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