

Title (en)  
MODIFIED METHOD FOR PRODUCING SURFACTANT ALCOHOLS AND SURFACTANT ALCOHOL ETHERS, THE PRODUCTS OF SAID METHOD AND USE OF THE SAME

Title (de)  
MODIFIZIERTE VERFAHREN ZUR HERSTELLUNG VON TENSIDALKOHOLEN UND TENSIDALKOHOLETHERN, DIE HERGESTELLTEN PRODUKTE UND IHRE VERWENDUNG

Title (fr)  
PROCEDE MODIFIE DE PRODUCTION D'ALCOOLS TENSIOACTIFS ET D'ETHERS D'ALCOOLS TENSIOACTIFS, PRODUITS AINSI OBTENUS ET LEUR UTILISATION

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Application  
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Abstract (en)  
[origin: WO03070669A2] The invention relates to a method for producing surfactant alcohols and surfactant alcohol ethers by the derivatization of olefins comprising between 10 and 20 C atoms or the derivatization of olefin mixtures and optionally by subsequent alkoxylation. The method is characterized in that a) a C4 olefin mixture with a ratio of 1-butene/2-butene of = 1.2 is subjected to metathesis, b) olefins comprising between 5 and 8 C atoms are isolated from the metathesis mixture, c) the isolated olefins are subjected individually or as a mixture to a dimerization, to form olefin mixtures comprising between 10 and 16 C atoms, d) the olefin mixture thus obtained, optionally after fractionation, is subjected to derivatization to form a mixture of surfactant alcohols and e) the surfactant alcohols are optionally alkoxylation. The olefin mixture obtained in the dimerization process contains a high proportion of branched components and less than 10 wt. % of compounds that contain a vinylidene group. The invention also relates to the use of said surfactant alcohols and surfactant alcohol ethers for producing surfactants by glycosylation or polyglycosylation, sulphation or phosphorylation.

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